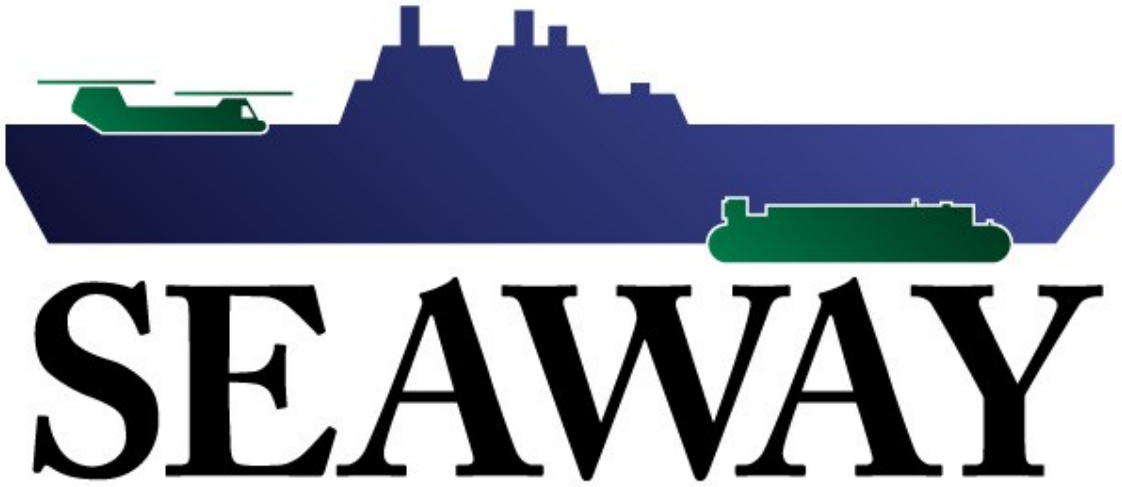
SEAWAY

Commander’s Overview to Version 2.0

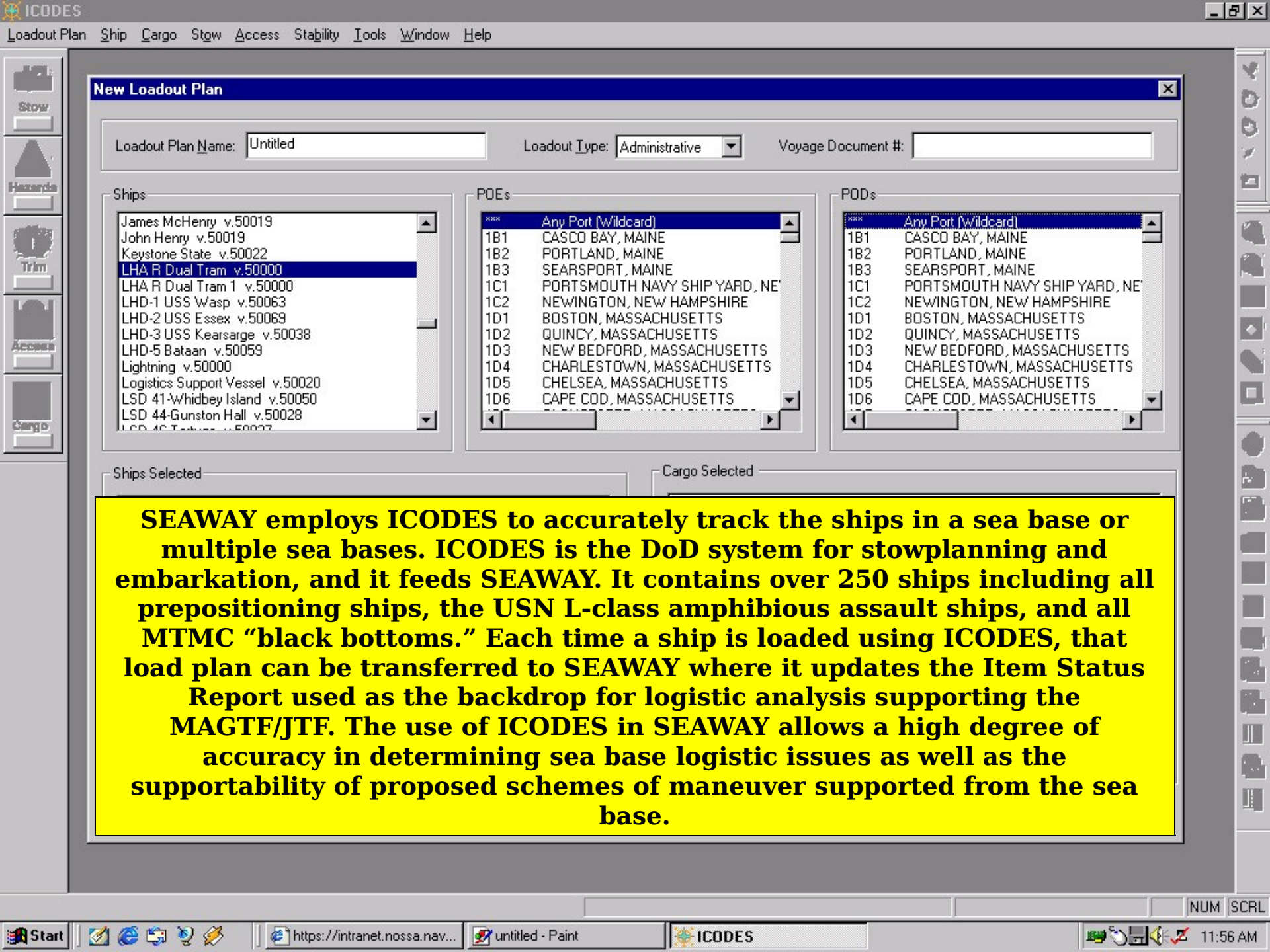
Col. Anthony A. Wood., USMC
(Ret.) awood@cdmtech.com
(805) 541-3750 x243

Tools for the JTF and MAGTF

We cannot predict enemy behavior, but we ***can*** assess capabilities and posture ourselves to support several courses of action. We cannot control an enemy's actions, but we ***can*** enable our own forces to rapidly respond to these by quickly generating new COA. We cannot predict that a proposed COA will be successful, but we ***can*** accurately and rapidly judge its logistic supportability *as it is generated*. We cannot know what allies will join with us in advance of every contingency, but we ***can*** equip ourselves with tools that integrate *any* ally's requirements into our own planning and support processes. To realize these important capabilities, the Joint Force Commander needs several advanced decision support tools. SEAWAY was designed to provide such tools.



ICODES: Building an interoperable sea base composed of current or future ships and establishing a basis for the cargo quantities and locations to support the MAGTF and/or JTF.



SEAWAY employs ICODES to accurately track the ships in a sea base or multiple sea bases. ICODES is the DoD system for stowplanning and embarkation, and it feeds SEAWAY. It contains over 250 ships including all prepositioning ships, the USN L-class amphibious assault ships, and all MTMC "black bottoms." Each time a ship is loaded using ICODES, that load plan can be transferred to SEAWAY where it updates the Item Status Report used as the backdrop for logistic analysis supporting the MAGTF/JTF. The use of ICODES in SEAWAY allows a high degree of accuracy in determining sea base logistic issues as well as the supportability of proposed schemes of maneuver supported from the sea base.

ICODES: LHA R Dual Tram 1 ship

Loadout Plan Ship Cargo Stow Access Stability Tools Window Help

LHA R Dual Tram 1 v.50000

Container Bays | ZoomTo Deck | T & S Display | Print

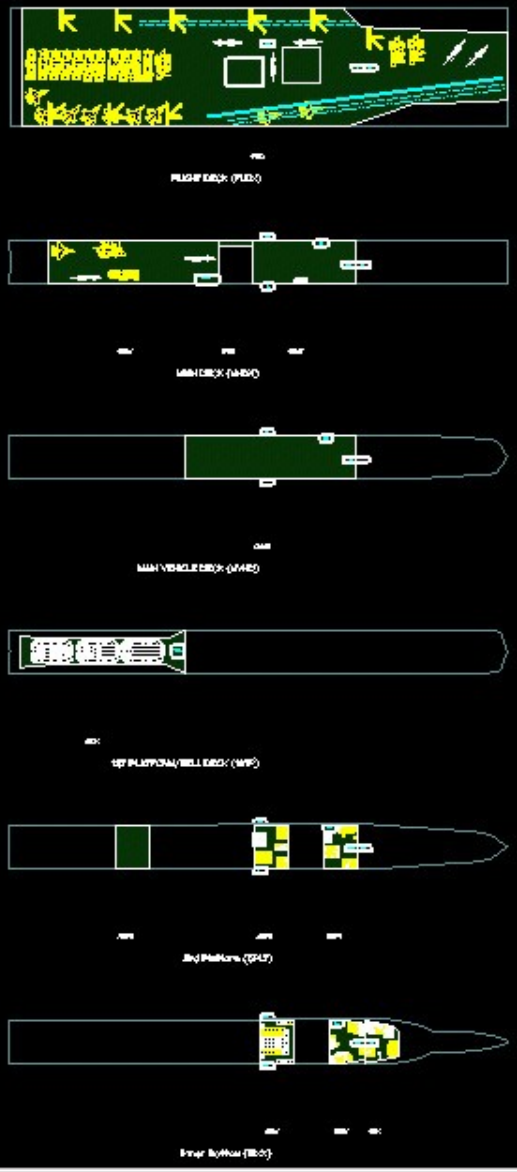
Stow

Hazards

Trim

Access

Cargo



The LHD dual tram does not yet exist. However, we can create it in ICODES and employ it in SEAWAY

NUM SCRL

Start | untitled - Paint | ICODES: LHA R D... | ICODES: LHA ... | 3:32 PM

ICODES: LHA R Dual Tram 1 ship

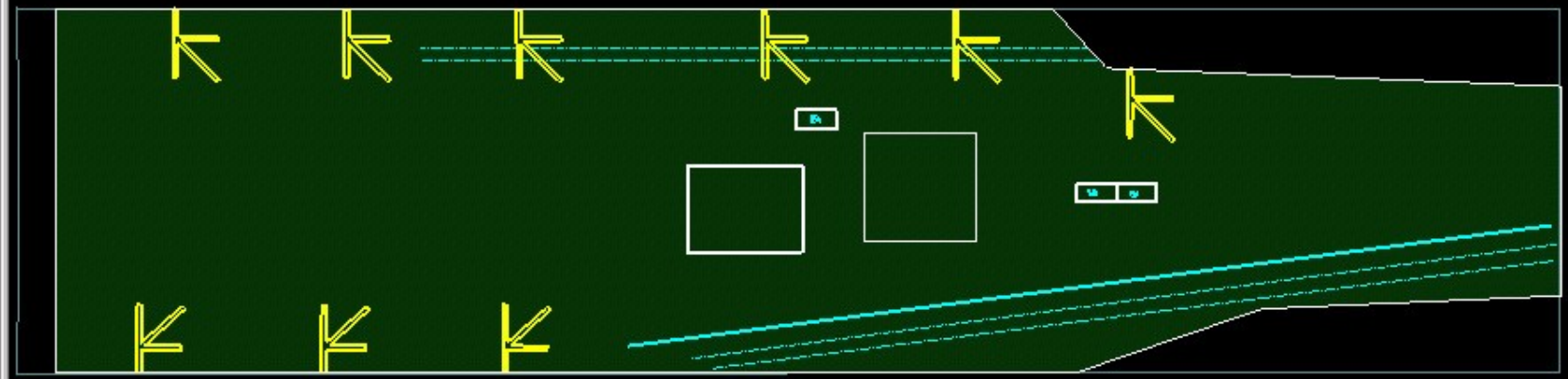
Loadout Plan Ship Cargo Stow Access Stability Tools Window Help

LHA R Dual Tram 1 v.50000

Container Bays | ZoomTo Deck | T & S Display | Print

Select Deck for Zoom

Stow Hazards Trim Access Cargo



1FLD

FLIGHT DECK (FLDX)

NUM SCRL

Start https://intranet.nossa.nav... untitled - Paint ICODES: LHA R Dual... 12:49 PM

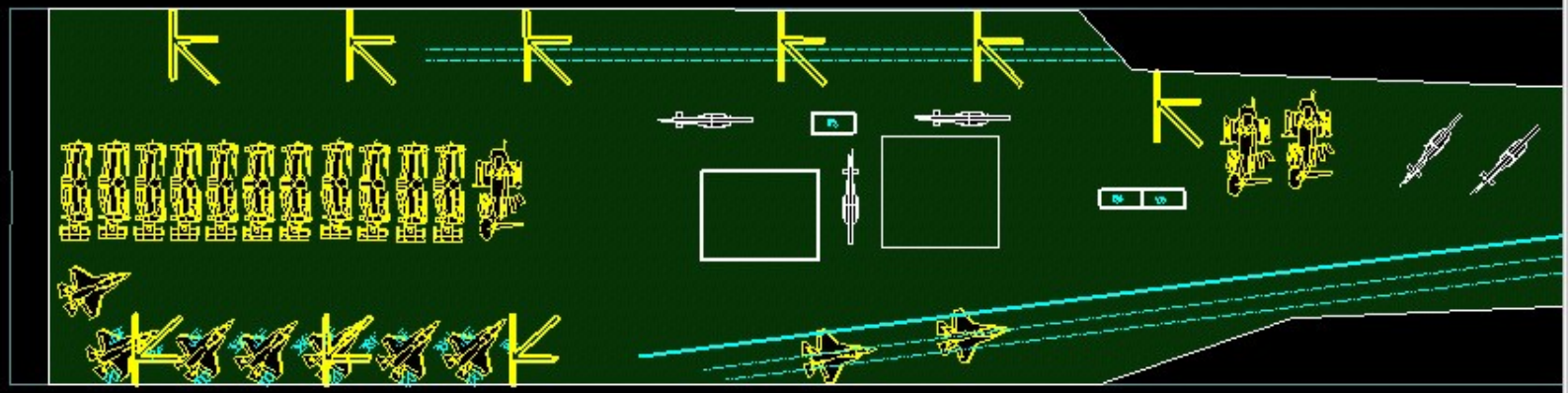
ICODES: LHA R Dual Tram 1 ship

Loadout Plan Ship Cargo Stow Access Stability Tools Window Help

LHA R Dual Tram 1 v.50000

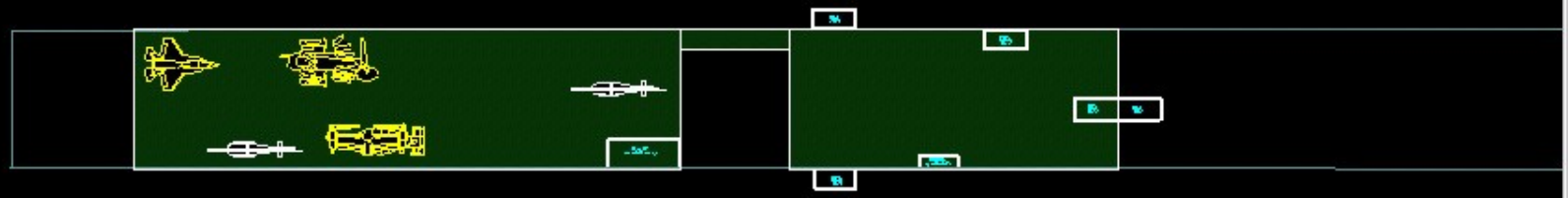
Container Bays | ZoomTo Deck | T & S Display | Print

Stow Hazards Trim Access Cargo



1FLD

FLIGHT DECK (FLDX)



1HDX 1VHT 1MDX

NUM SCRL

Start https://intranet.nos... untitled - Paint ICODES: LHA R D... ICODES: LHA ... 1:25 PM

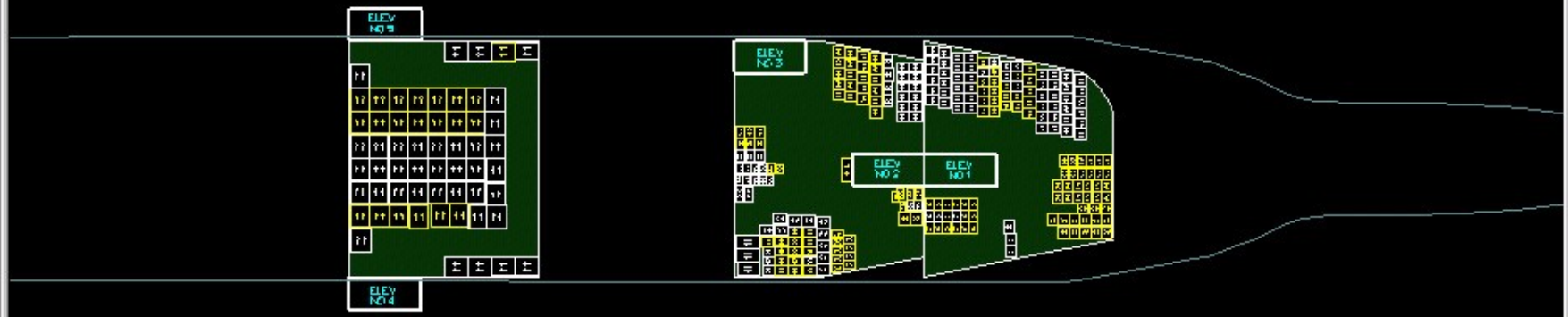
ICODES: LHA R Dual Tram 1 ship

Loadout Plan Ship Cargo Stow Access Stability Tools Window Help

LHA R Dual Tram 1 v.50000

Container Bays | ZoomTo Deck | T & S Display | Print

Platform (3PLT)



4IBX 2IBX 1IBX

Stow Hazards Trim Access Cargo

NUM SCRL

Start https://intranet.nos... untitled - Paint ICODES: LHA R D... ICODES: LHA ... 1:34 PM

ICODES: LHA R Dual Tram 1 ship

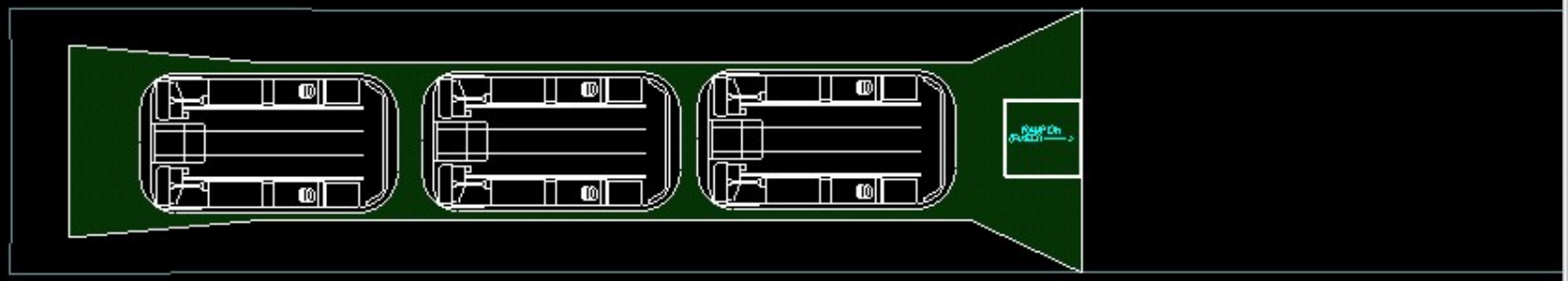
Loadout Plan Ship Cargo Stow Access Stability Tools Window Help

LHA R Dual Tram 1 v.50000

Container Bays | ZoomTo Deck | T & S Display | Print

Stow Hazards Trim Access Cargo

MAIN VEHICLE DECK (MVHD)



SEAWAY also allows the user to adjust the mission capabilities of sea base ships. Important characteristics such as wet well capacity, deck spots, deck cycles, and much more are adjustable by the user.

1WDX

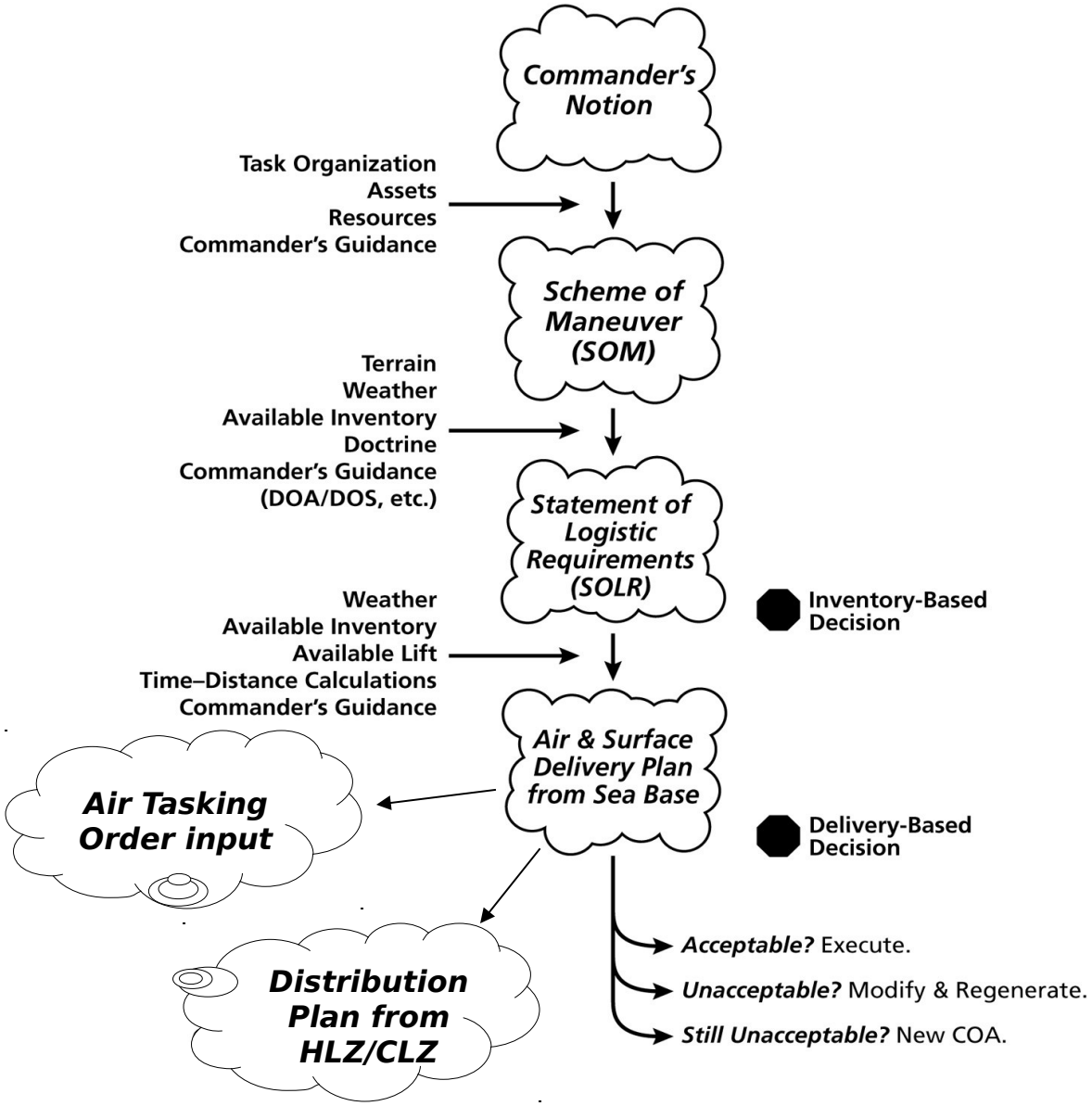
NUM SCRL

Start https://intranet.nos... untitled - Paint ICODES: LHA R D... ICODES: LHA ... 1:38 PM

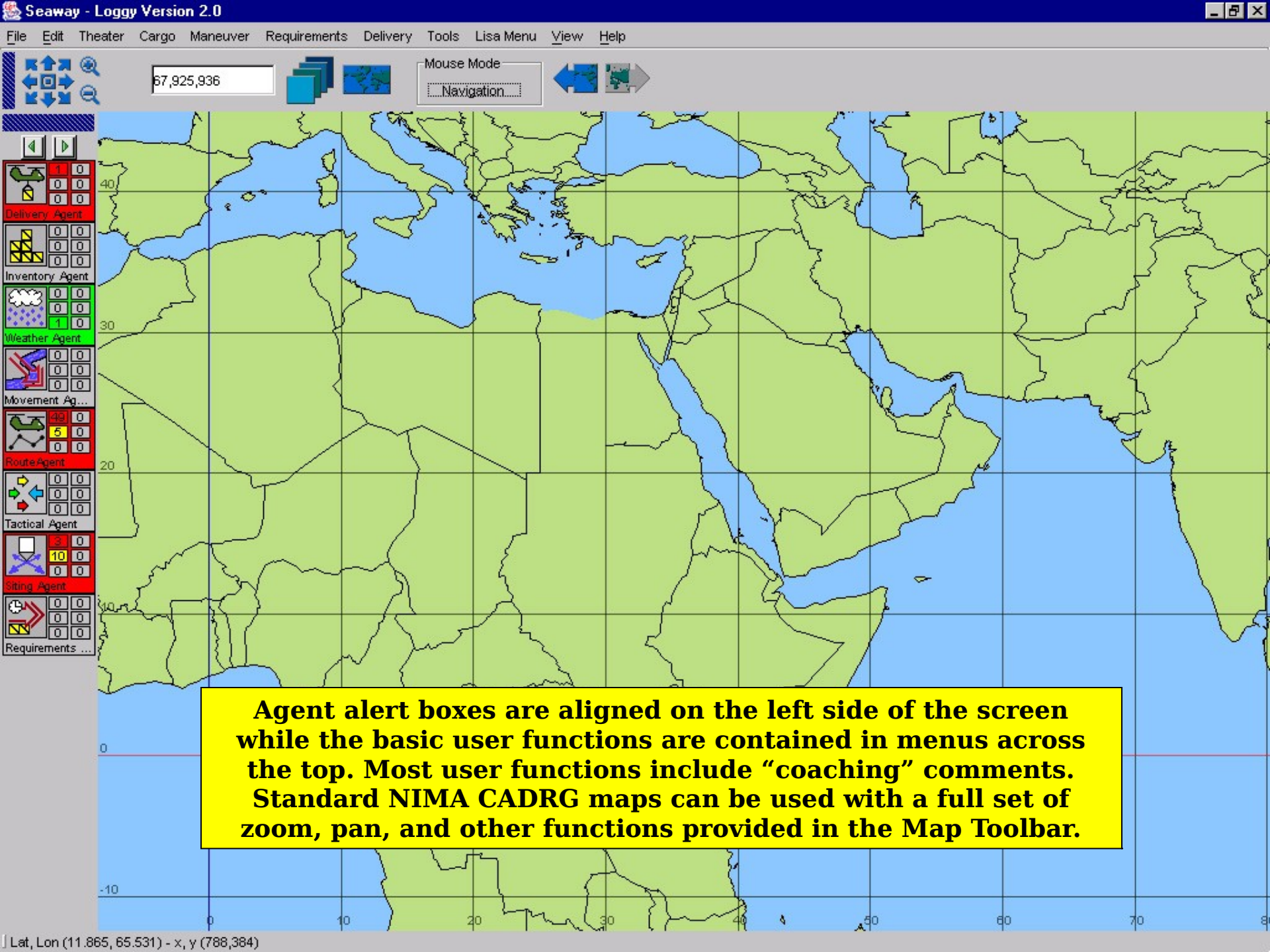
Defining the characteristics of the theater, the sea base, and the joint operating area (JOA). Intelligence preparation of the battlefield and logistic preparation of the battlefield (IPB/LPB)

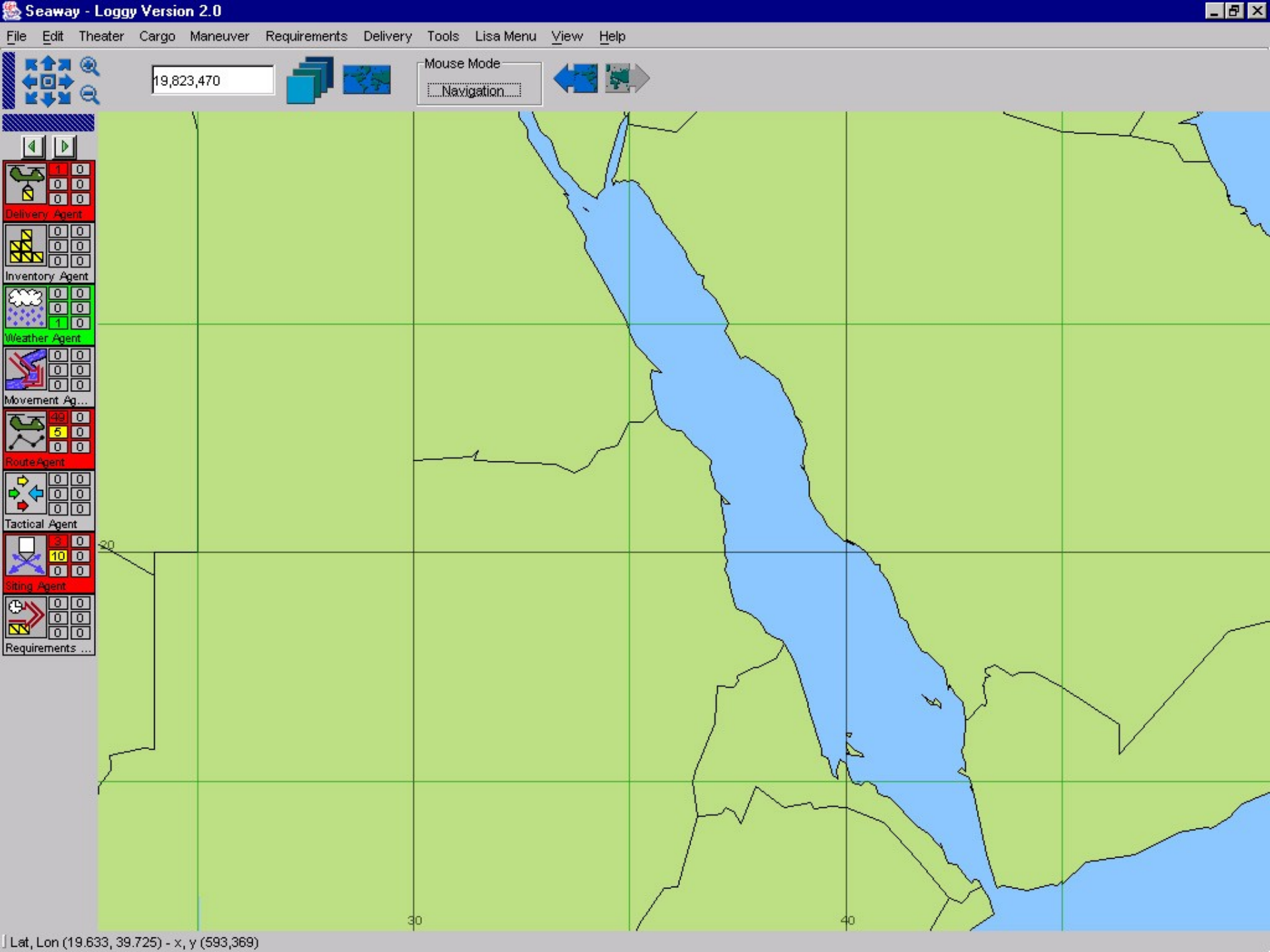
Using SEAWAY and LOGGY Tools:

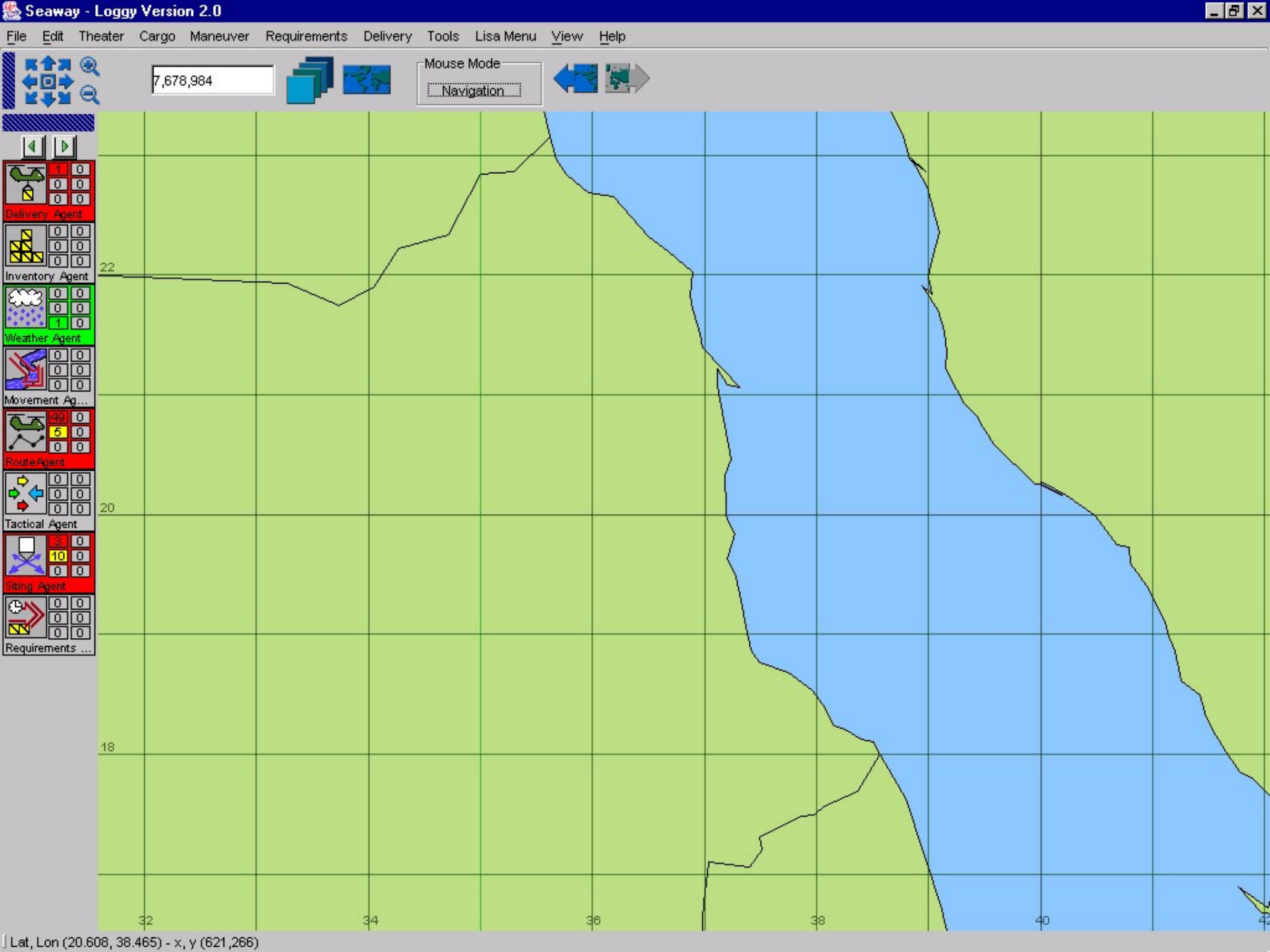
From Notion to Decision

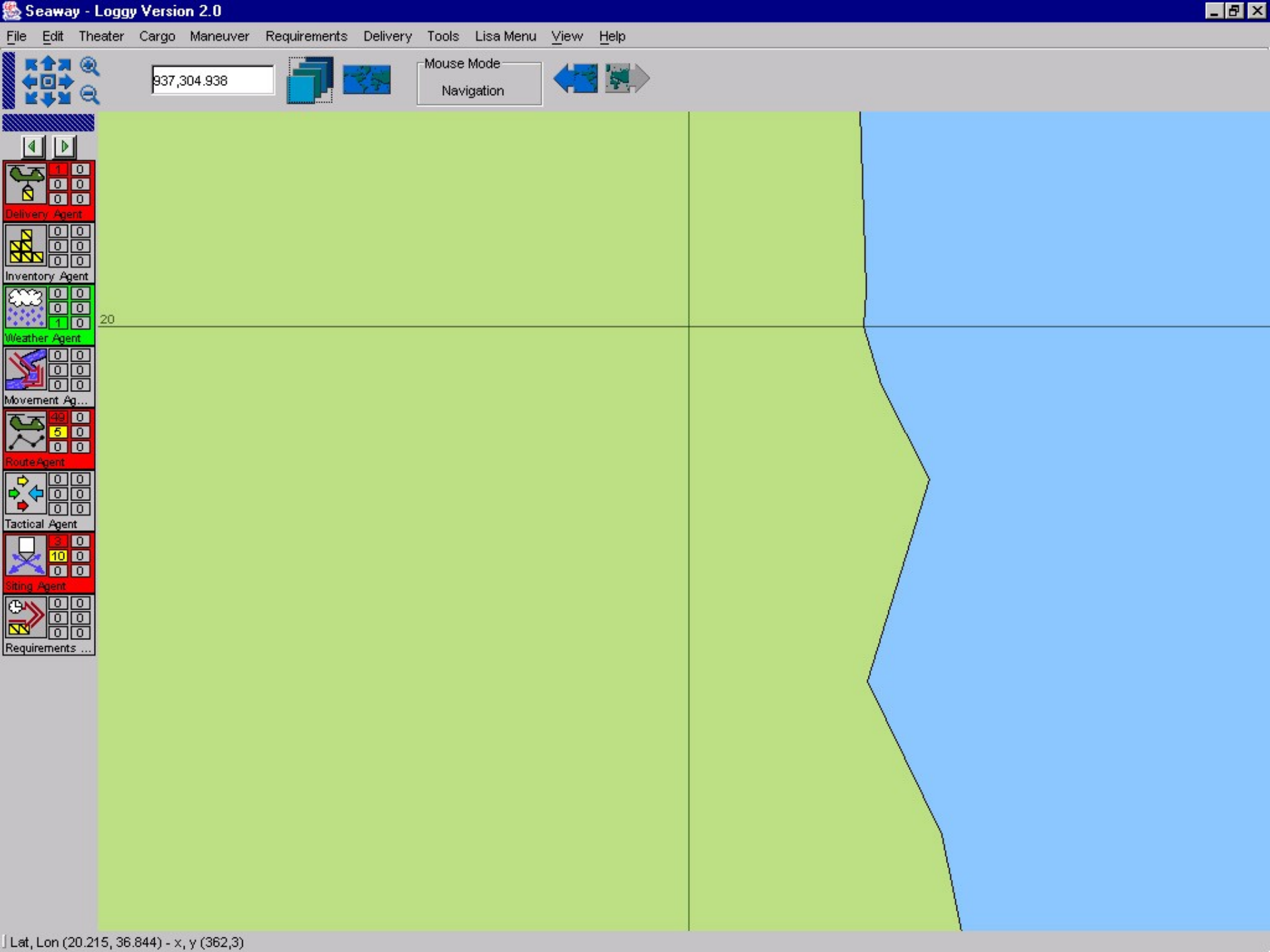


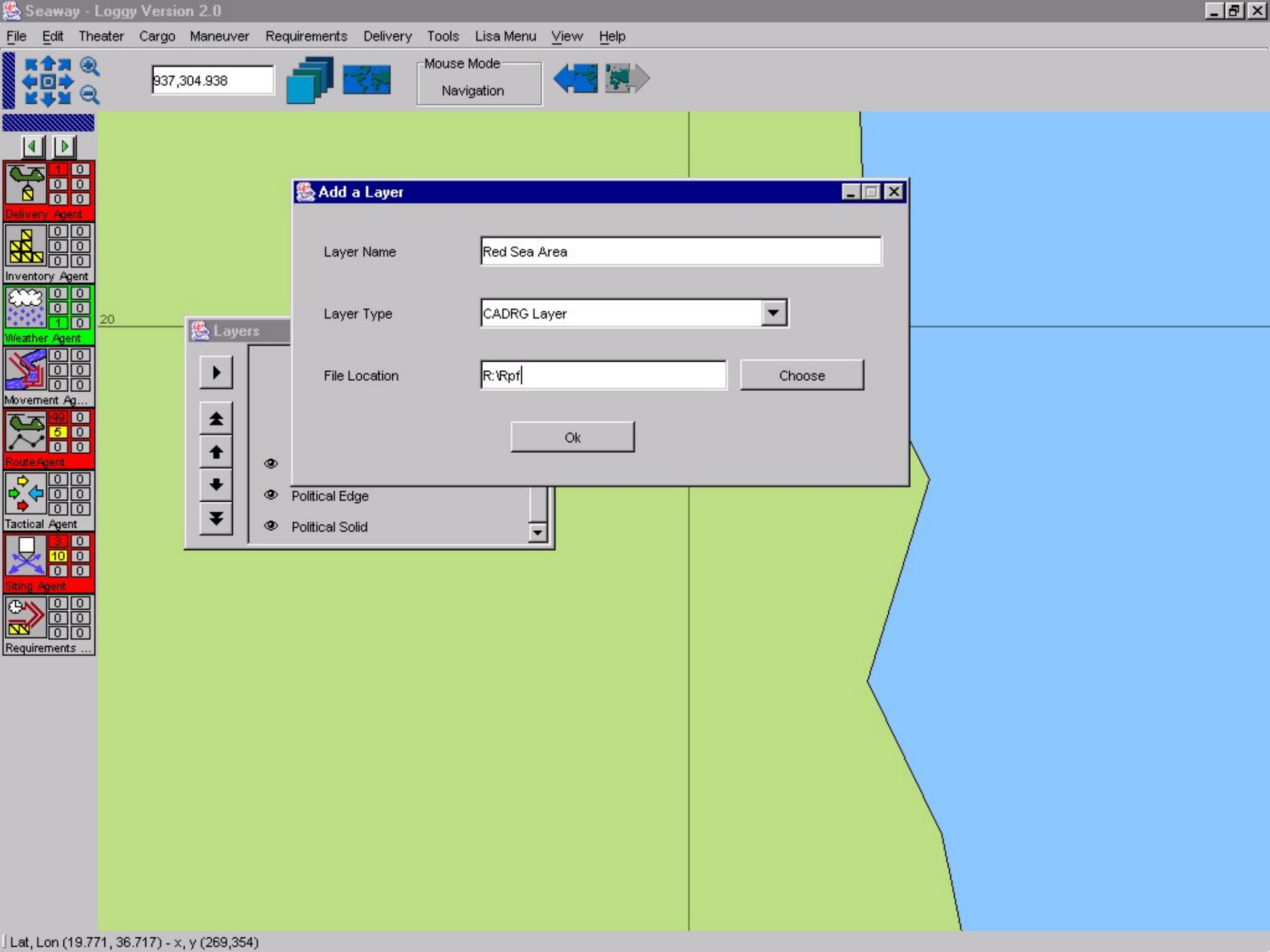
SEAWAY

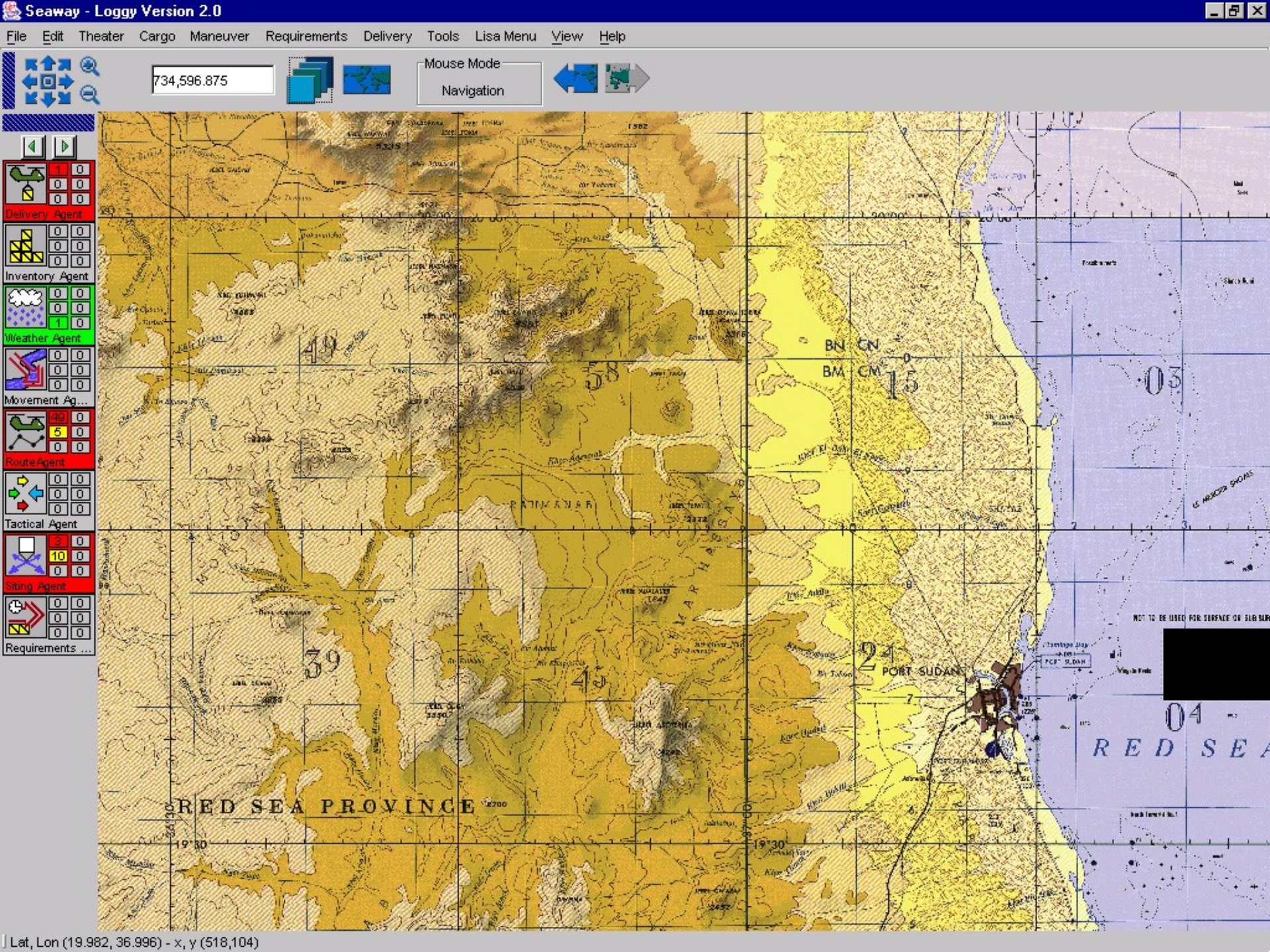

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
67,925,936
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Agent alert boxes are aligned on the left side of the screen while the basic user functions are contained in menus across the top. Most user functions include “coaching” comments. Standard NIMA CADRG maps can be used with a full set of zoom, pan, and other functions provided in the Map Toolbar.
Lat, Lon (11.865, 65.531) - x, y (788,384)

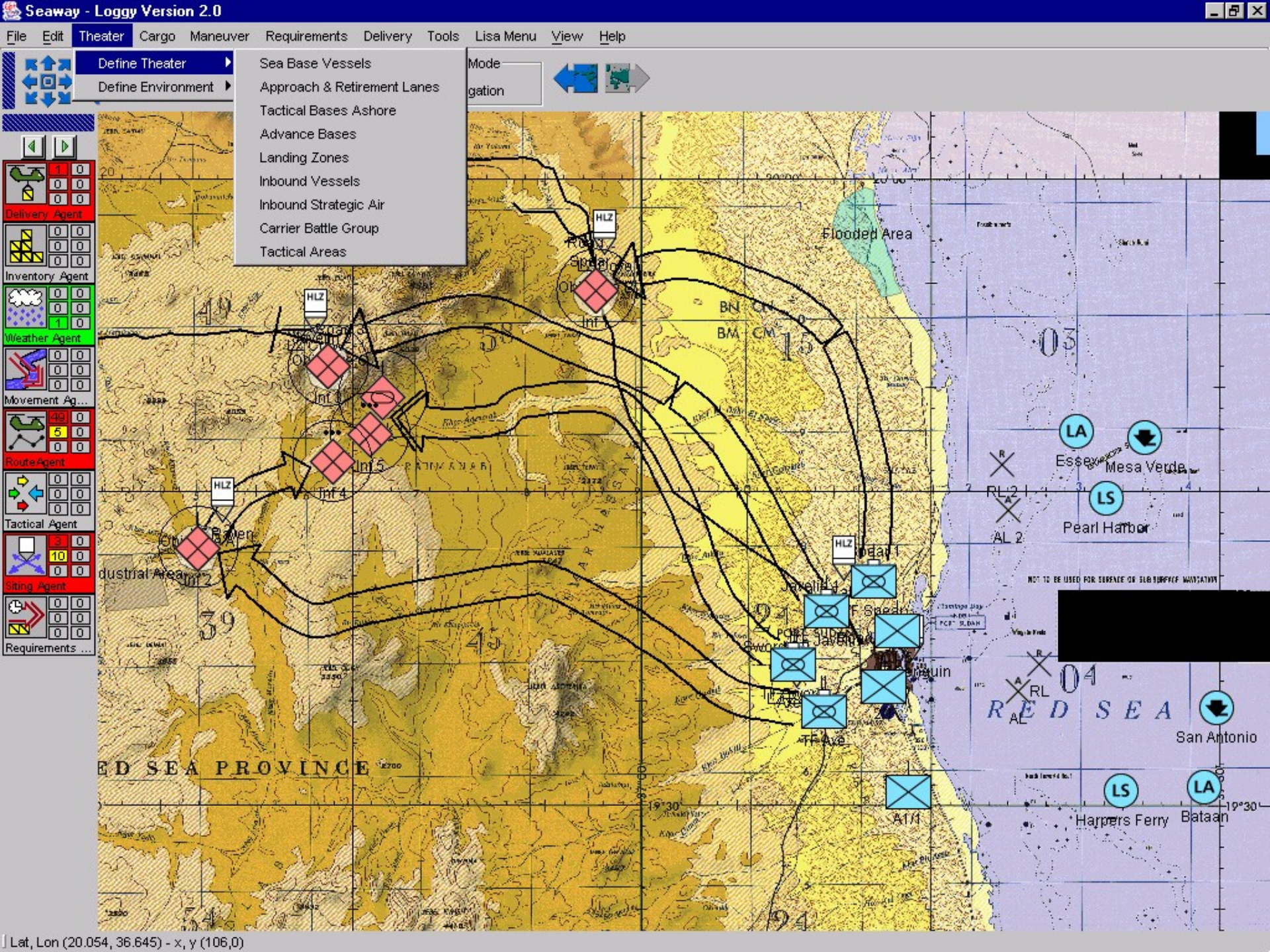

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
19,823,470
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
20
30
40
Lat, Lon (19.633, 39.725) - x, y (593,369)

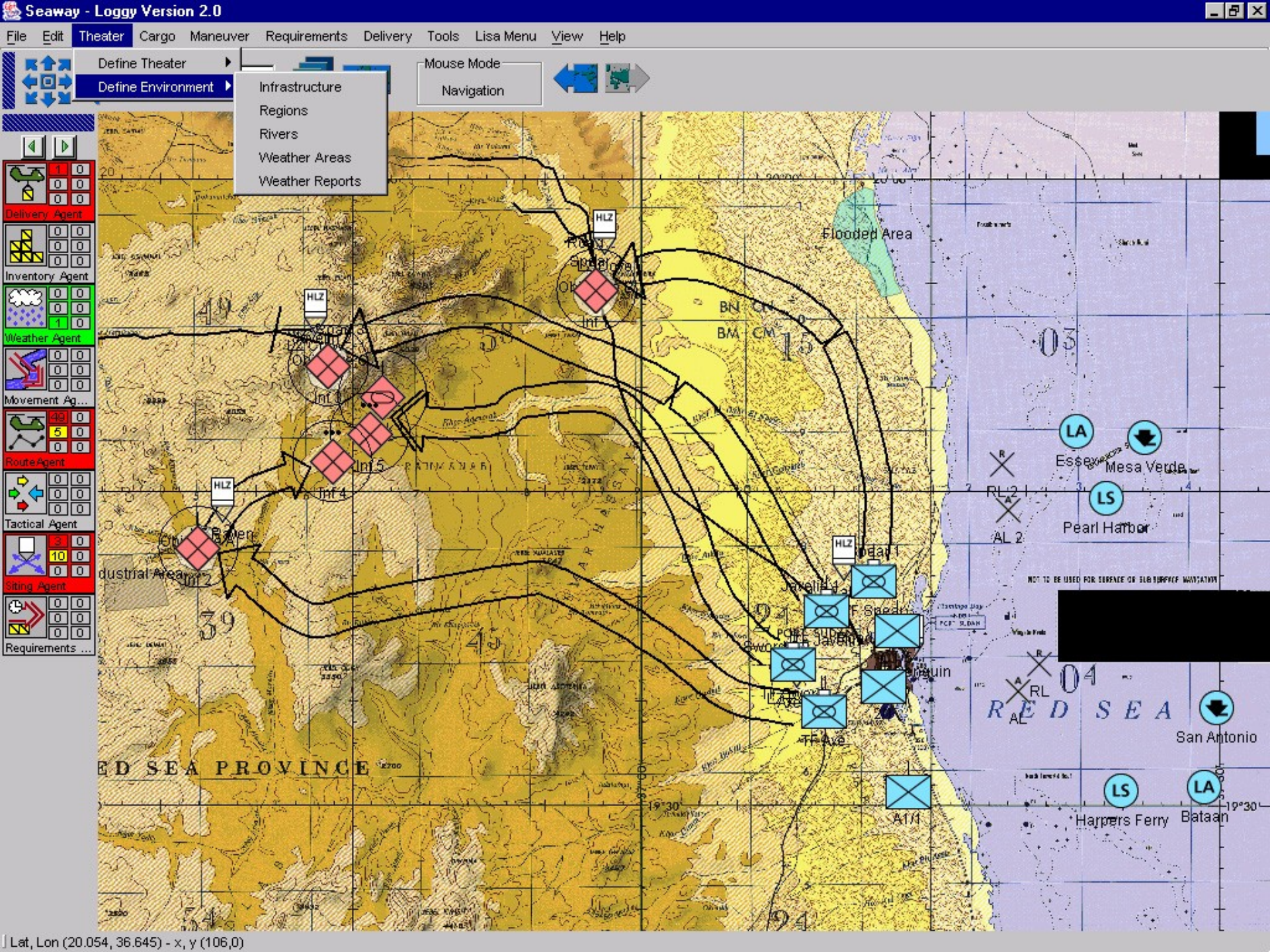

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
7,678,984
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
22
20
18
32
34
36
38
40
Lat, Lon (20.608, 38.465) - x, y (621,266)

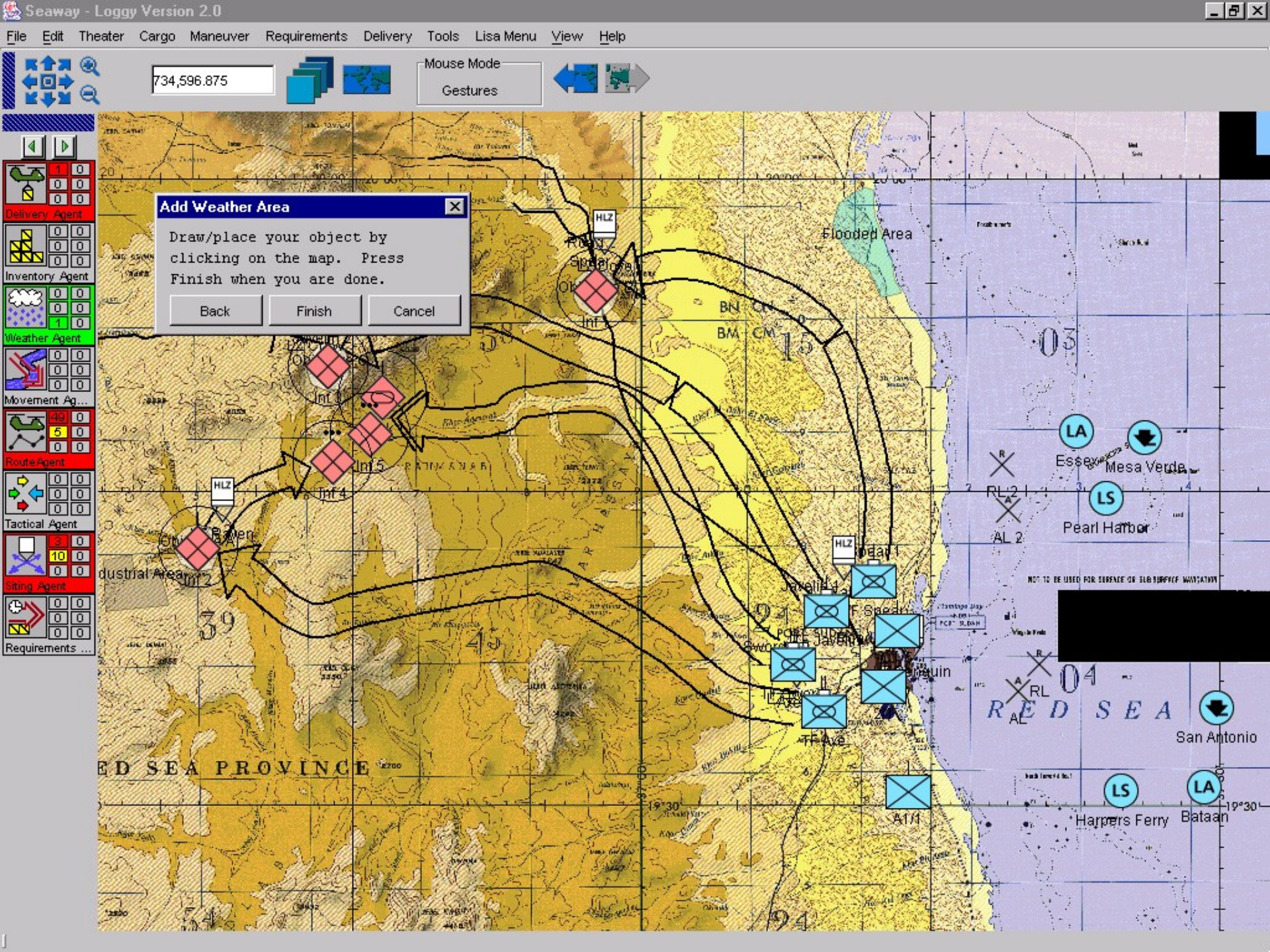

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
937,304.938
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
20
Lat, Lon (20.215, 36.844) - x, y (362,3)

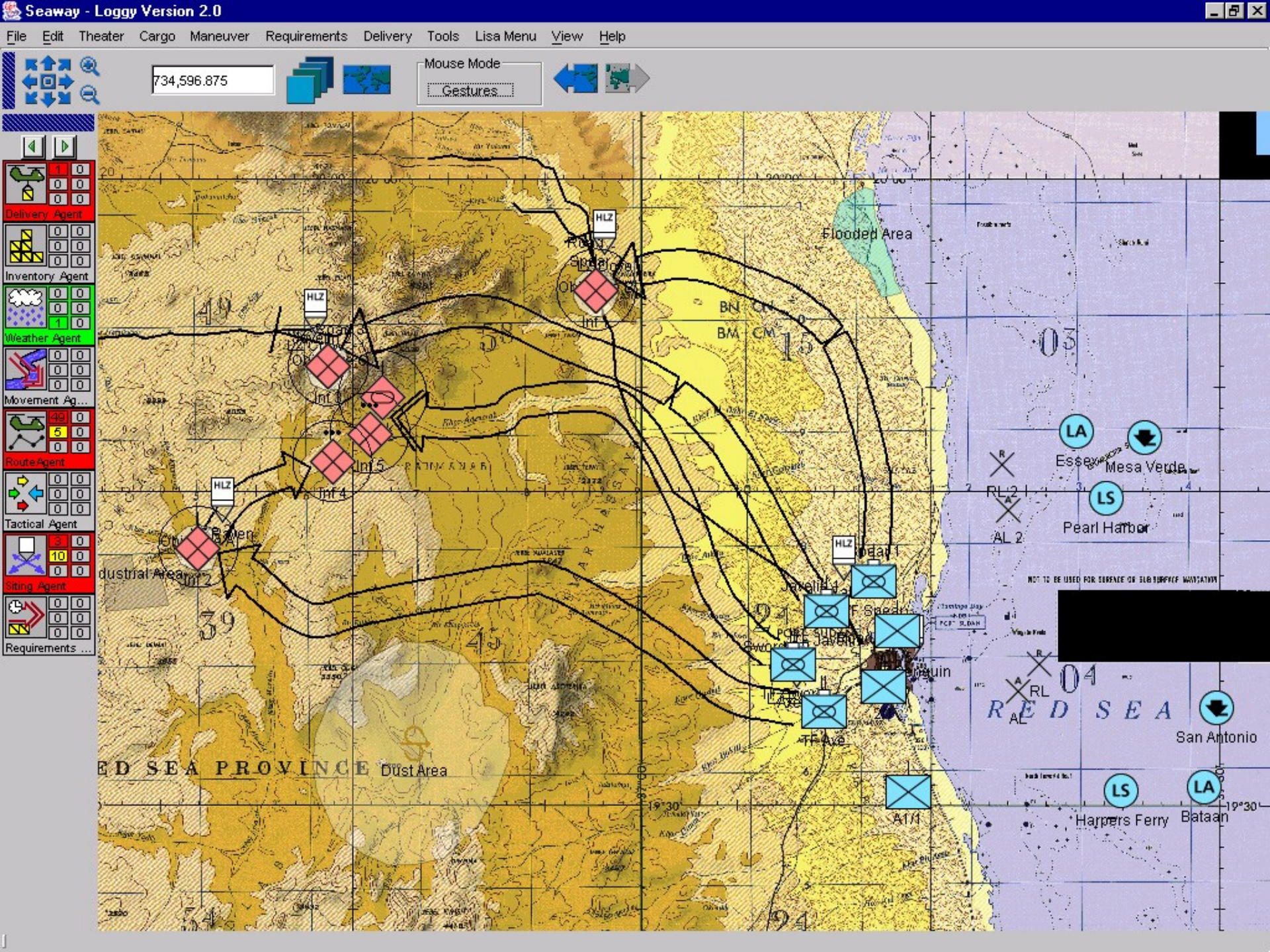

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
937,304.938
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
20
Layers
Political Edge
Political Solid
Add a Layer
Layer Name
Red Sea Area
Layer Type
CADRG Layer
File Location
R:\Rpf
Choose
Ok
Lat, Lon (19.771, 36.717) - x, y (269,354)

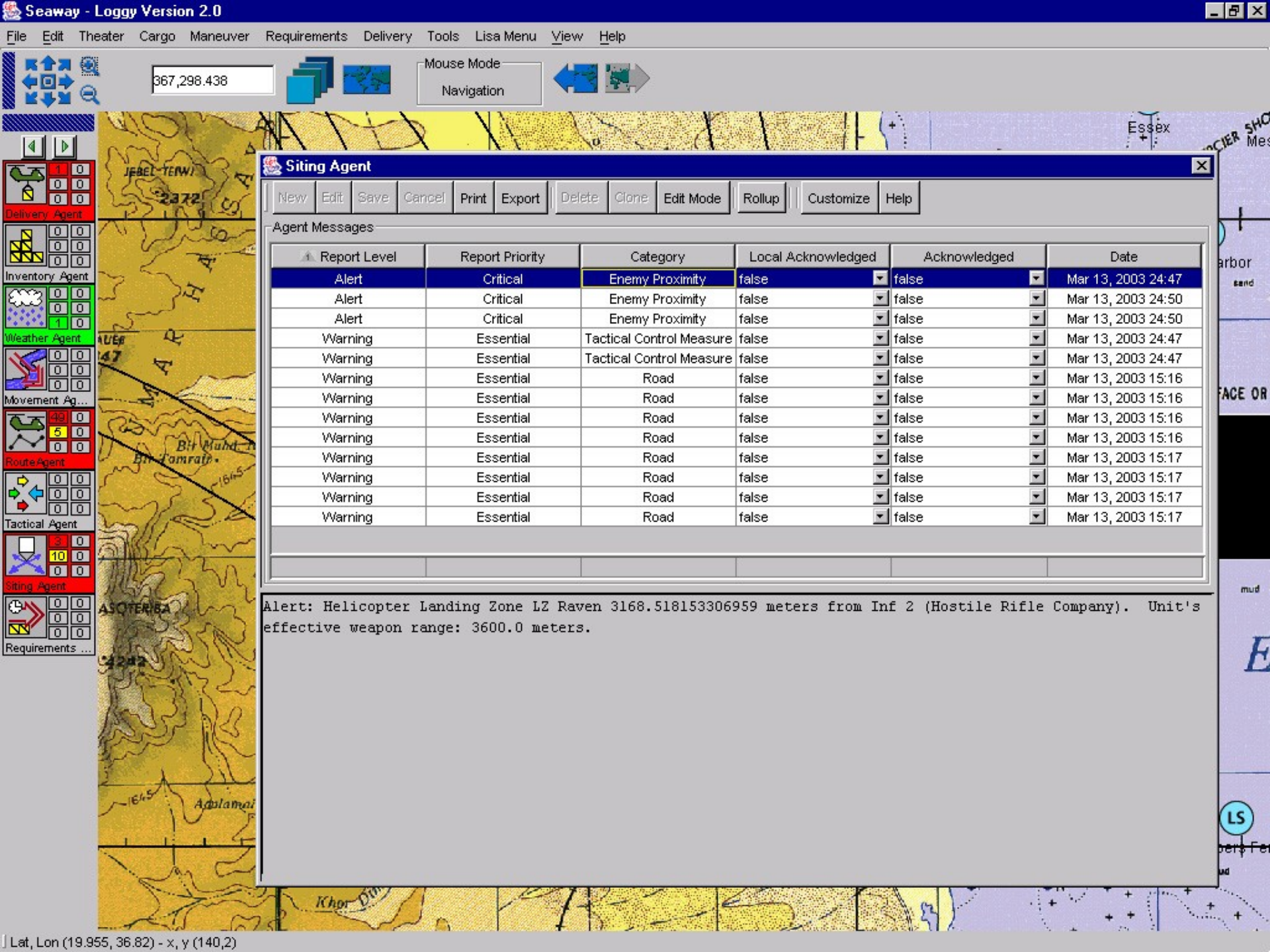

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
734,596.875
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
RED SEA PROVINCE
PORT SUDAN
RED SEA
Lat, Lon (19.982, 36.996) - x, y (518,104)


Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
Define Theater
Define Environment
Sea Base Vessels
Approach & Retirement Lanes
Tactical Bases Ashore
Advance Bases
Landing Zones
Inbound Vessels
Inbound Strategic Air
Carrier Battle Group
Tactical Areas
Mode
gation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Flooded Area
HLZ
Inf
Inf 1
Inf 4
Inf 5
Javelin
TF Axe
A1/1
LA
Essex
Mesa Verde
LS
Pearl Harbor
RL 2
AL 2
RED SEA
San Antonio
Harpers Ferry
Bataan
ED SEA PROVINCE
Lat, Lon (20.054, 36.645) - x, y (106,0)

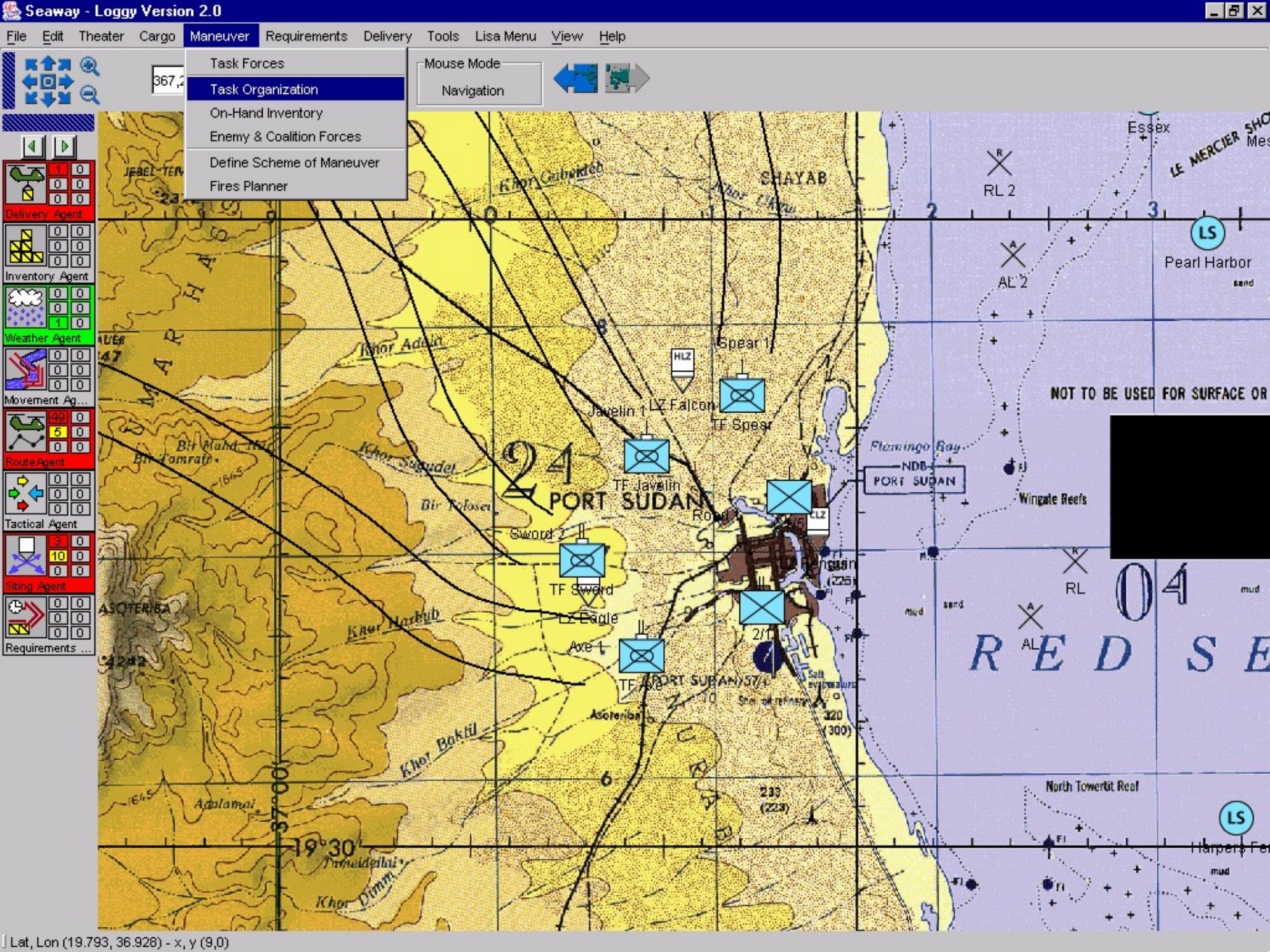

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
Define Theater
Define Environment
Infrastructure
Regions
Rivers
Weather Areas
Weather Reports
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Flooded Area
HLZ
Inf 1
Inf 4
Inf 5
Inf
Essex
Mesa Verde
Pearl Harbor
San Antonio
Harpers Ferry
Bataan
RED SEA
ED SEA PROVINCE
Lat, Lon (20.054, 36.645) - x, y (106,0)

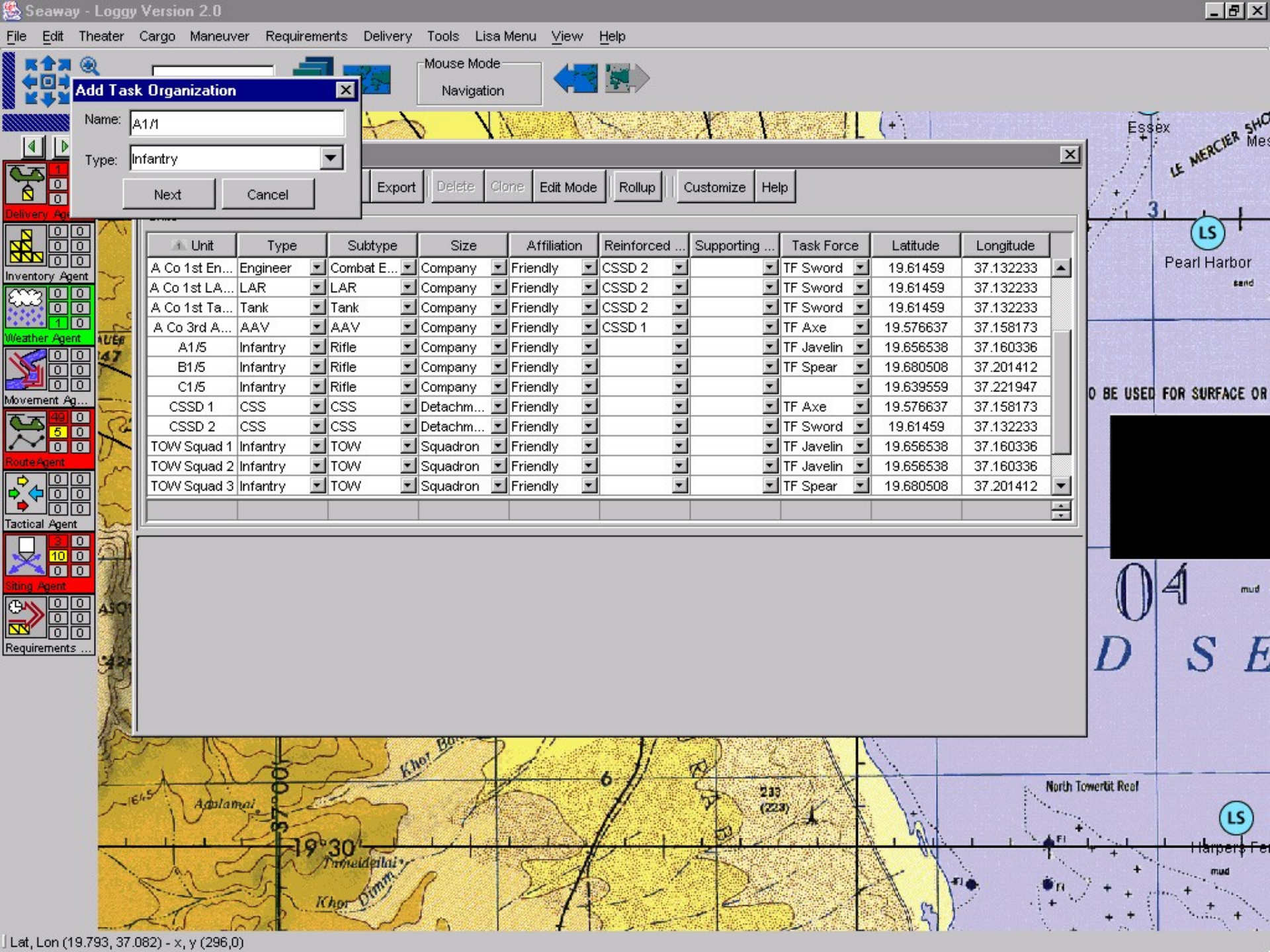

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
734,596.875
Mouse Mode
Gestures
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Add Weather Area
Draw/place your object by clicking on the map. Press Finish when you are done.
Back
Finish
Cancel
Flooded Area
HLZ
Inf 1
Inf 2
Inf 4
Inf 5
Javelin 1
TF Axe
A1/1
Pearl Harbor
Mesa Verde
San Antonio
Harpers Ferry
Bataan
RED SEA
ED SEA PROVINCE

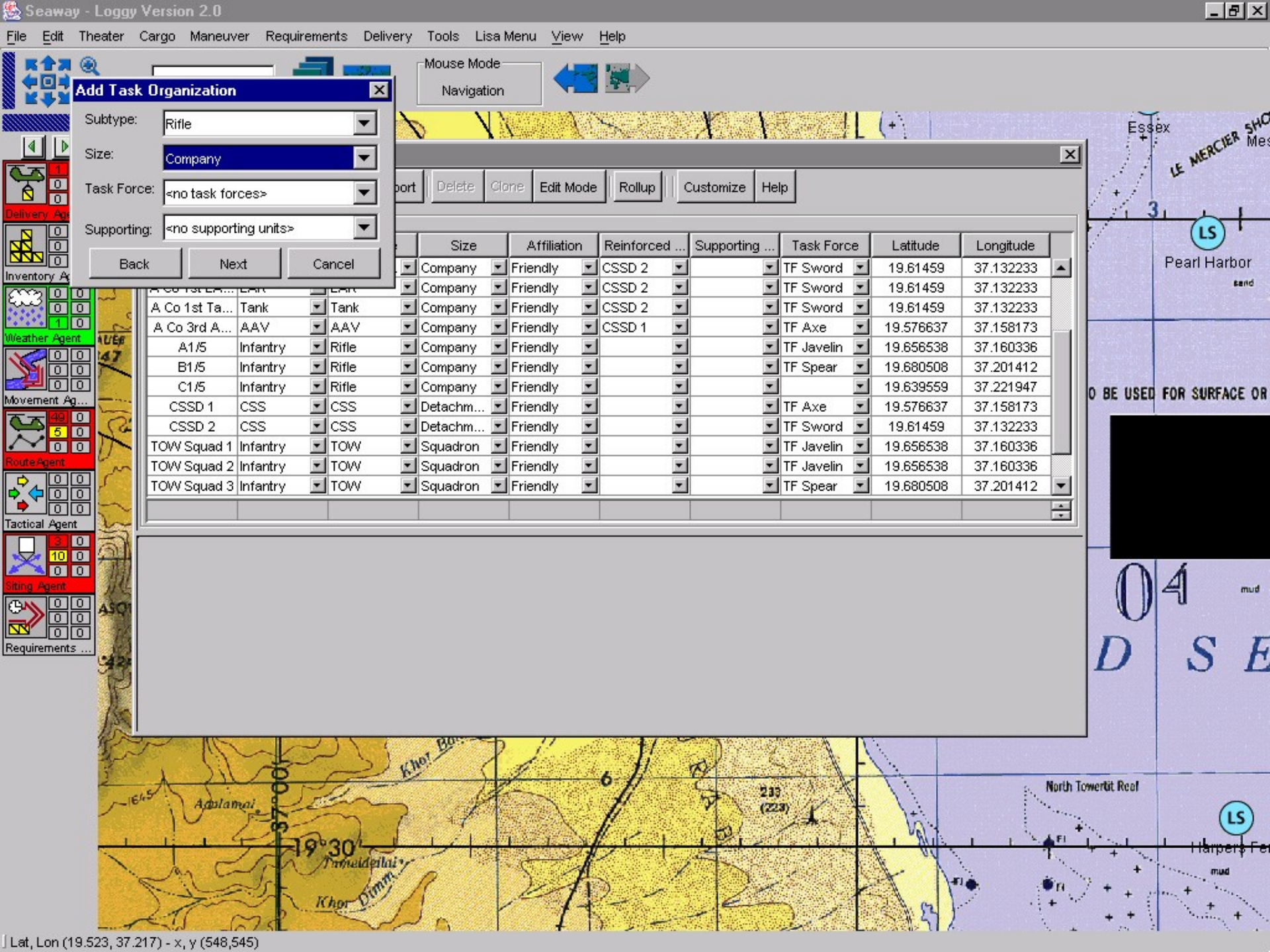

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
734,596.875
Mouse Mode
Gestures
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Flooded Area
HLZ
Inf 1
Inf 2
Inf 4
Inf 5
Inf
Dust Area
ED SEA PROVINCE
RED SEA
LA
LS
Mesa Verde
Pearl Harbor
San Antonio
Harpers Ferry
Bataan
RL 2
AL 2
RL
AL
A1/1
TF Axe

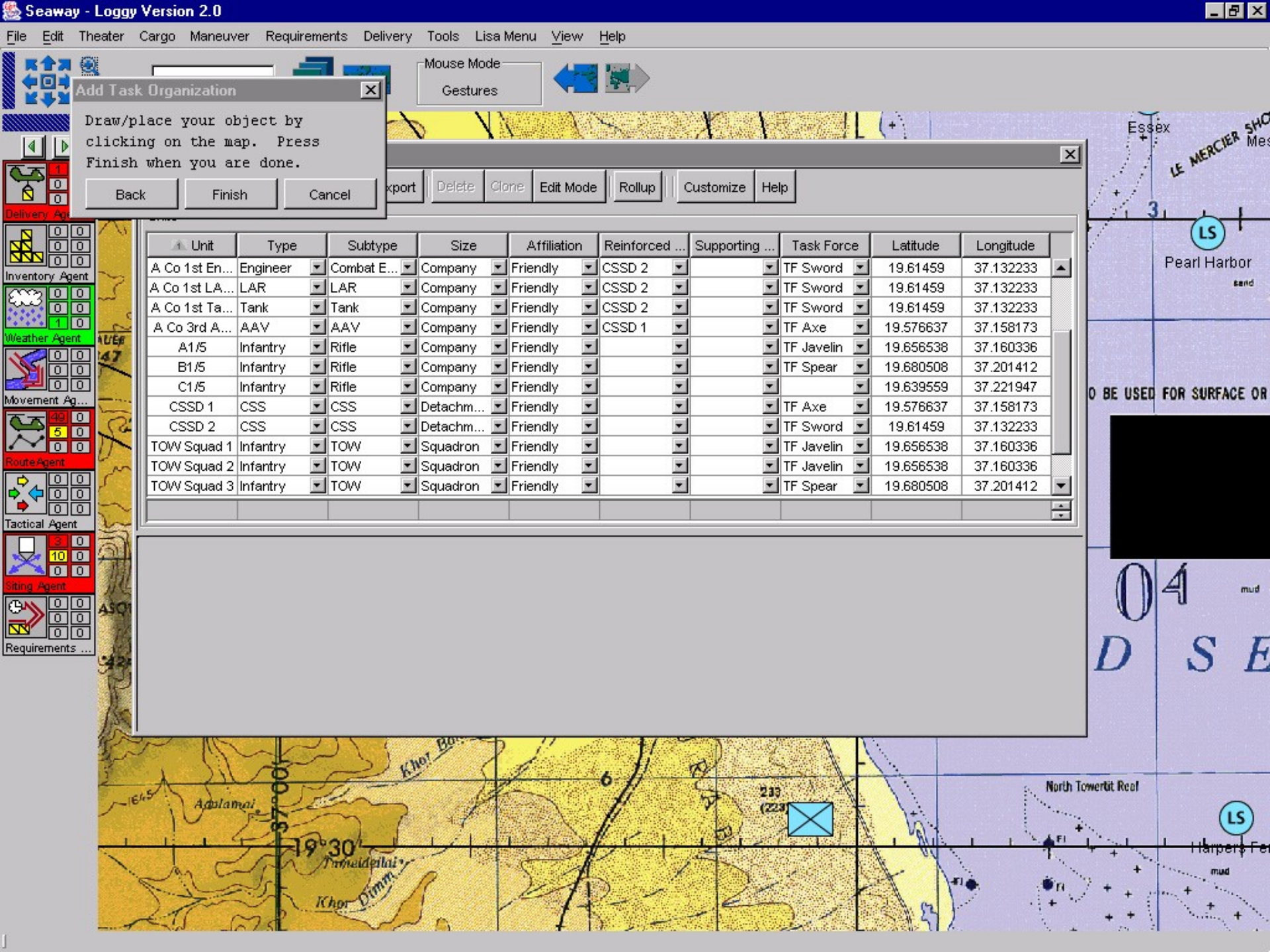

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
367,298.438
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Siting Agent
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Agent Messages
Report Level | Report Priority | Category | Local Acknowledged | Acknowledged | Date
Alert | Critical | Enemy Proximity | false | false | Mar 13, 2003 24:47
Alert | Critical | Enemy Proximity | false | false | Mar 13, 2003 24:50
Alert | Critical | Enemy Proximity | false | false | Mar 13, 2003 24:50
Warning | Essential | Tactical Control Measure | false | false | Mar 13, 2003 24:47
Warning | Essential | Tactical Control Measure | false | false | Mar 13, 2003 24:47
Warning | Essential | Road | false | false | Mar 13, 2003 15:16
Warning | Essential | Road | false | false | Mar 13, 2003 15:16
Warning | Essential | Road | false | false | Mar 13, 2003 15:16
Warning | Essential | Road | false | false | Mar 13, 2003 15:16
Warning | Essential | Road | false | false | Mar 13, 2003 15:17
Warning | Essential | Road | false | false | Mar 13, 2003 15:17
Warning | Essential | Road | false | false | Mar 13, 2003 15:17
Warning | Essential | Road | false | false | Mar 13, 2003 15:17
Alert: Helicopter Landing Zone LZ Raven 3168.5181533069 59 meters from Inf 2 (Hostile Rifle Company). Unit's effective weapon range: 3600.0 meters.
Lat, Lon (19.955, 36.82) - x, y (140,2)

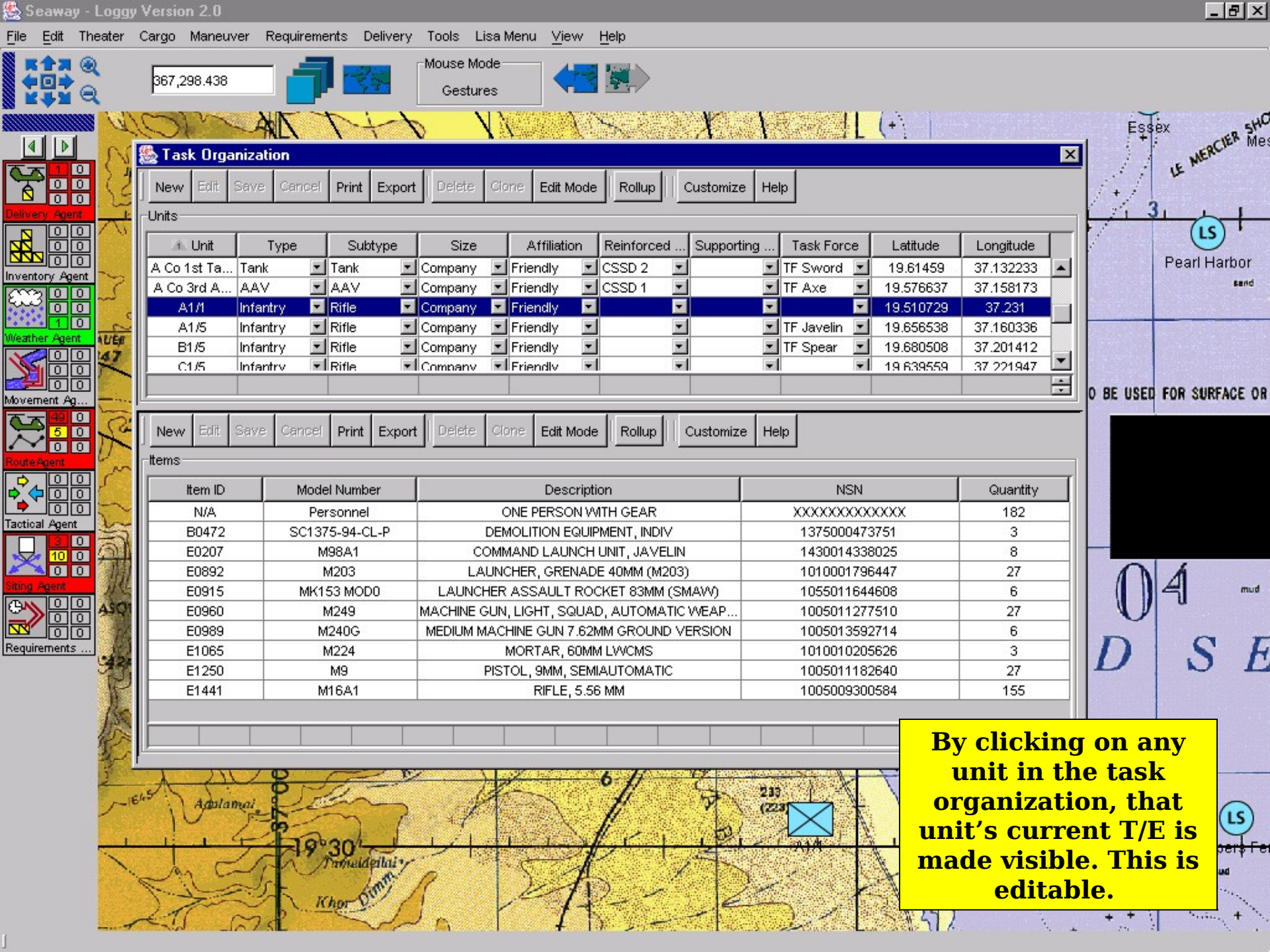
Task organizing the MAGTF (or JTF) as a basis for creating a scheme of maneuver and generating a statement of logistic requirements.

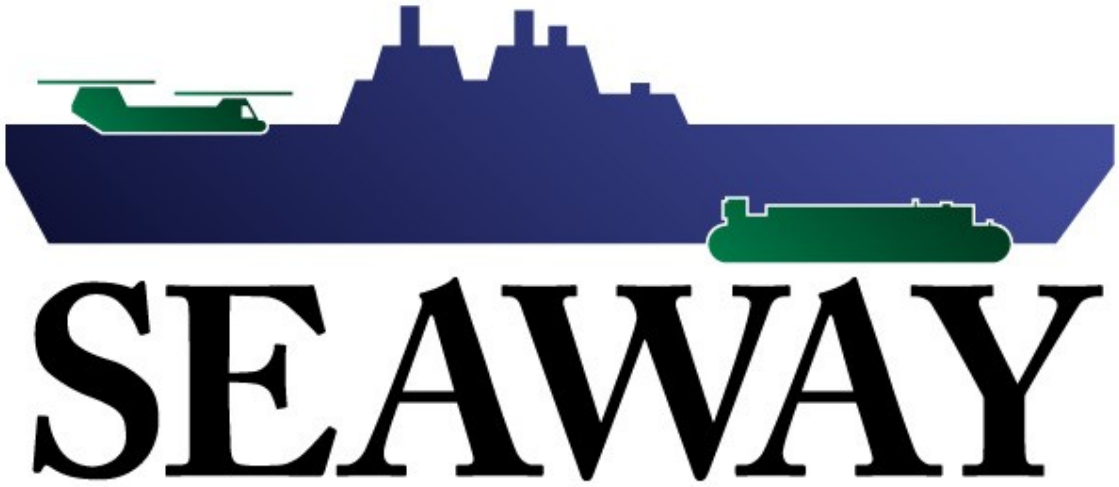

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
Task Forces
Task Organization
On-Hand Inventory
Enemy & Coalition Forces
Define Scheme of Maneuver
Fires Planner
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Spear 1
HLZ
Javelin 1
LZ Falcon
TF Spear
TF Javelin
Sword 2
TF Sword
LZ Eagle
Axe 1
TF Axe
PORT SUDAN
Khor Gabeikeb
Khor Adain
Khor Sugudel
Khor Harbub
Khor Baktil
Khor Dimm
Bir Muhd Hid
Bir Tamrair
Bir Tolosei
ASOTERIBA
Asolamai
SHAYAB
Essex
RL 2
AL 2
Pearl Harbor
LS
NOT TO BE USED FOR SURFACE OR
Flamingo Bay
NDB
PORT SUDAN
Wingate Reefs
RL
AL
RED SE
North Towertit Reef
Harpers Fe
37°00'
19°30'
Lat, Lon (19.793, 36.928) - x, y (9,0)


Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
Mouse Mode
Navigation
Add Task Organization
Name: A1/1
Type: Infantry
Next
Cancel
Export
Delete
Clone
Edit Mode
Rollup
Customize
Help
Unit | Type | Subtype | Size | Affiliation | Reinforced ... | Supporting ... | Task Force | Latitude | Longitude
A Co 1st En... | Engineer | Combat E... | Company | Friendly | CSSD 2 | | TF Sword | 19.61459 | 37.132233
A Co 1st LA... | LAR | LAR | Company | Friendly | CSSD 2 | | TF Sword | 19.61459 | 37.132233
A Co 1st Ta... | Tank | Tank | Company | Friendly | CSSD 2 | | TF Sword | 19.61459 | 37.132233
A Co 3rd A... | AAV | AAV | Company | Friendly | CSSD 1 | | TF Axe | 19.576637 | 37.158173
A1/5 | Infantry | Rifle | Company | Friendly | | | TF Javelin | 19.656538 | 37.160336
B1/5 | Infantry | Rifle | Company | Friendly | | | TF Spear | 19.680508 | 37.201412
C1/5 | Infantry | Rifle | Company | Friendly | | | | 19.639559 | 37.221947
CSSD 1 | CSS | CSS | Detachm... | Friendly | | | TF Axe | 19.576637 | 37.158173
CSSD 2 | CSS | CSS | Detachm... | Friendly | | | TF Sword | 19.61459 | 37.132233
TOW Squad 1 | Infantry | TOW | Squadron | Friendly | | | TF Javelin | 19.656538 | 37.160336
TOW Squad 2 | Infantry | TOW | Squadron | Friendly | | | TF Javelin | 19.656538 | 37.160336
TOW Squad 3 | Infantry | TOW | Squadron | Friendly | | | TF Spear | 19.680508 | 37.201412
Delivery Ag...
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Pearl Harbor
North Towertit Reef
Lat, Lon (19.793, 37.082) - x, y (296,0)

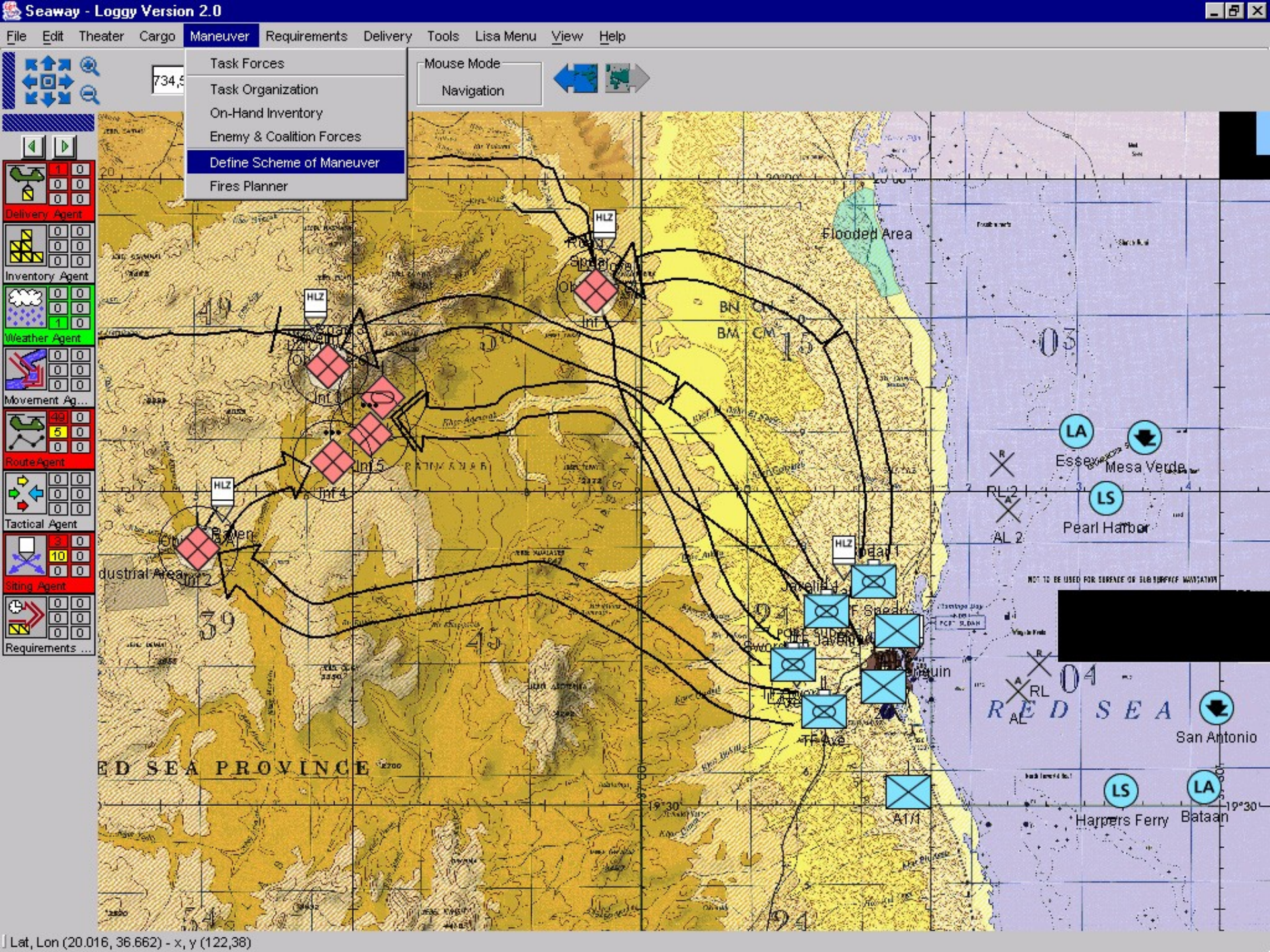

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
Mouse Mode
Navigation
Add Task Organization
Subtype: Rifle
Size: Company
Task Force: <no task forces>
Supporting: <no supporting units>
Back Next Cancel
Delete Clone Edit Mode Rollup Customize Help
Size Affiliation Reinforced ... Supporting ... Task Force Latitude Longitude
Company Friendly CSSD 2 TF Sword 19.61459 37.132233
Company Friendly CSSD 2 TF Sword 19.61459 37.132233
A Co 1st Ta... Tank Tank Company Friendly CSSD 2 TF Sword 19.61459 37.132233
A Co 3rd A... AAV AAV Company Friendly CSSD 1 TF Axe 19.576637 37.158173
A1/5 Infantry Rifle Company Friendly TF Javelin 19.656538 37.160336
B1/5 Infantry Rifle Company Friendly TF Spear 19.680508 37.201412
C1/5 Infantry Rifle Company Friendly 19.639559 37.221947
CSSD 1 CSS CSS Detachm... Friendly TF Axe 19.576637 37.158173
CSSD 2 CSS CSS Detachm... Friendly TF Sword 19.61459 37.132233
TOW Squad 1 Infantry TOW Squadron Friendly TF Javelin 19.656538 37.160336
TOW Squad 2 Infantry TOW Squadron Friendly TF Javelin 19.656538 37.160336
TOW Squad 3 Infantry TOW Squadron Friendly TF Spear 19.680508 37.201412
Delivery Ag...
Inventory A...
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Pearl Harbor
North Towertit Reef
Harpers Fe
Aoslamai
Khor Dimm
Lat, Lon (19.523, 37.217) - x, y (548,545)

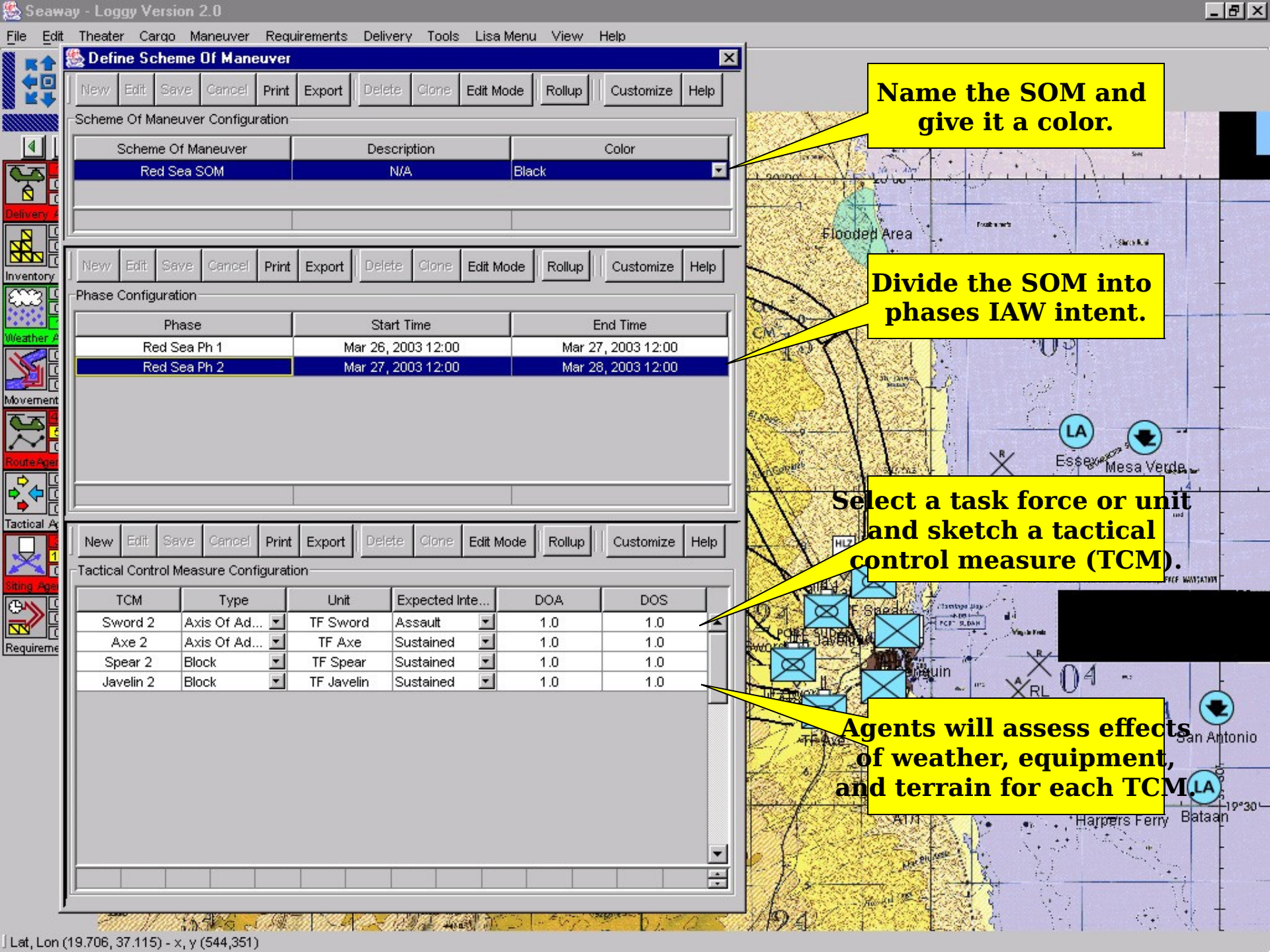

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
Mouse Mode
Gestures
Add Task Organization
Draw/place your object by clicking on the map. Press Finish when you are done.
Back
Finish
Cancel
Export
Delete
Clone
Edit Mode
Rollup
Customize
Help
Unit
Type
Subtype
Size
Affiliation
Reinforced ...
Supporting ...
Task Force
Latitude
Longitude
A Co 1st En... Engineer Combat E... Company Friendly CSSD 2 TF Sword 19.61459 37.132233
A Co 1st LA... LAR LAR Company Friendly CSSD 2 TF Sword 19.61459 37.132233
A Co 1st Ta... Tank Tank Company Friendly CSSD 2 TF Sword 19.61459 37.132233
A Co 3rd A... AAV AAV Company Friendly CSSD 1 TF Axe 19.576637 37.158173
A1/5 Infantry Rifle Company Friendly TF Javelin 19.656538 37.160336
B1/5 Infantry Rifle Company Friendly TF Spear 19.680508 37.201412
C1/5 Infantry Rifle Company Friendly 19.639559 37.221947
CSSD 1 CSS CSS Detachm... Friendly TF Axe 19.576637 37.158173
CSSD 2 CSS CSS Detachm... Friendly TF Sword 19.61459 37.132233
TOW Squad 1 Infantry TOW Squadron Friendly TF Javelin 19.656538 37.160336
TOW Squad 2 Infantry TOW Squadron Friendly TF Javelin 19.656538 37.160336
TOW Squad 3 Infantry TOW Squadron Friendly TF Spear 19.680508 37.201412
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Pearl Harbor
North Towertit Reef
Khor Dimm
19°30'
37°00'

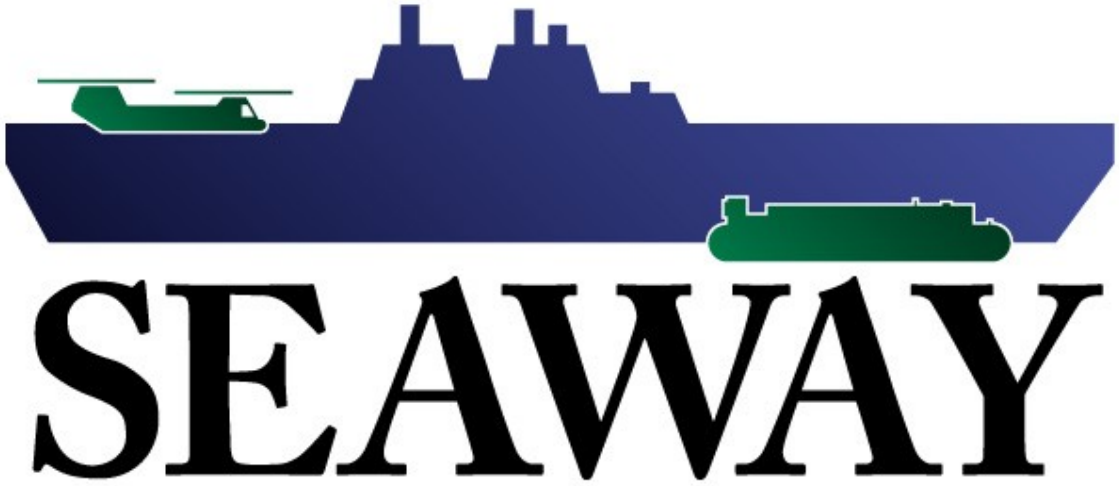

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
367,298.438
Mouse Mode
Gestures
Task Organization
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Units
Unit Type Subtype Size Affiliation Reinforced ... Supporting ... Task Force Latitude Longitude
A Co 1st Ta... Tank Tank Company Friendly CSSD 2 TF Sword 19.61459 37.132233
A Co 3rd A... AAV AAV Company Friendly CSSD 1 TF Axe 19.576637 37.158173
A1/1 Infantry Rifle Company Friendly 19.510729 37.231
A1/5 Infantry Rifle Company Friendly TF Javelin 19.656538 37.160336
B1/5 Infantry Rifle Company Friendly TF Spear 19.680508 37.201412
C1/5 Infantry Rifle Company Friendly 19.639559 37.221947
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Items
Item ID Model Number Description NSN Quantity
N/A Personnel ONE PERSON WITH GEAR XXXXXXXXXXXXX 182
B0472 SC1375-94-CL-P DEMOLITION EQUIPMENT, INDIV 1375000473751 3
E0207 M98A1 COMMAND LAUNCH UNIT, JAVELIN 1430014338025 8
E0892 M203 LAUNCHER, GRENADE 40MM (M203) 1010001796447 27
E0915 MK153 MOD0 LAUNCHER ASSAULT ROCKET 83MM (SMAW) 1055011644608 6
E0960 M249 MACHINE GUN, LIGHT, SQUAD, AUTOMATIC WEAP... 1005011277510 27
E0989 M240G MEDIUM MACHINE GUN 7.62MM GROUND VERSION 1005013592714 6
E1065 M224 MORTAR, 60MM LWCMS 1010010205626 3
E1250 M9 PISTOL, 9MM, SEMIAUTOMATIC 1005011182640 27
E1441 M16A1 RIFLE, 5.56 MM 1005009300584 155
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Essex
Pearl Harbor
Adalmai
Khor Dimm
By clicking on any unit in the task organization, that unit's current T/E is made visible. This is editable.



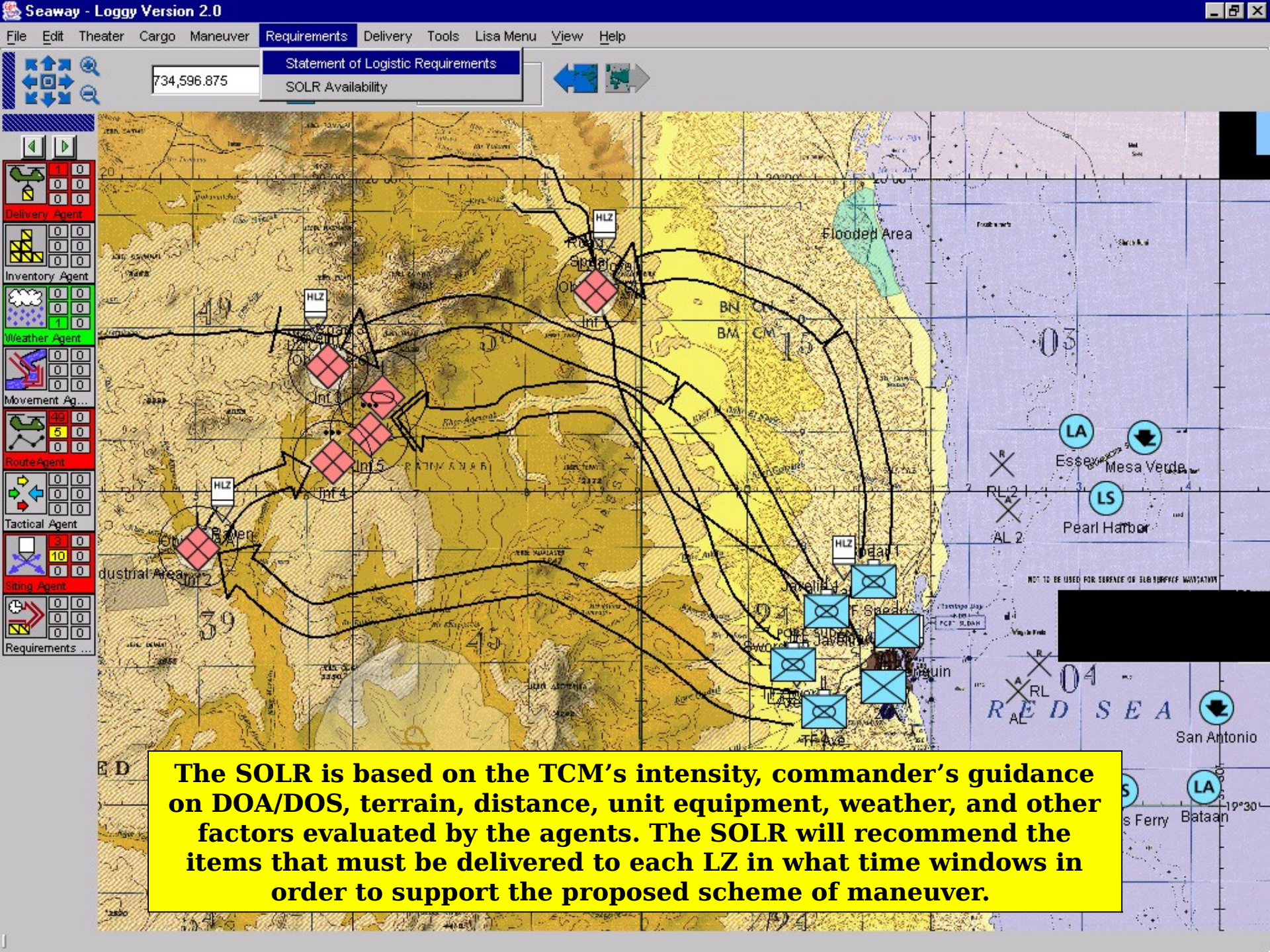
Generating a phased scheme of maneuver composed of individual GCE units, CSSD(s), and/or task forces.

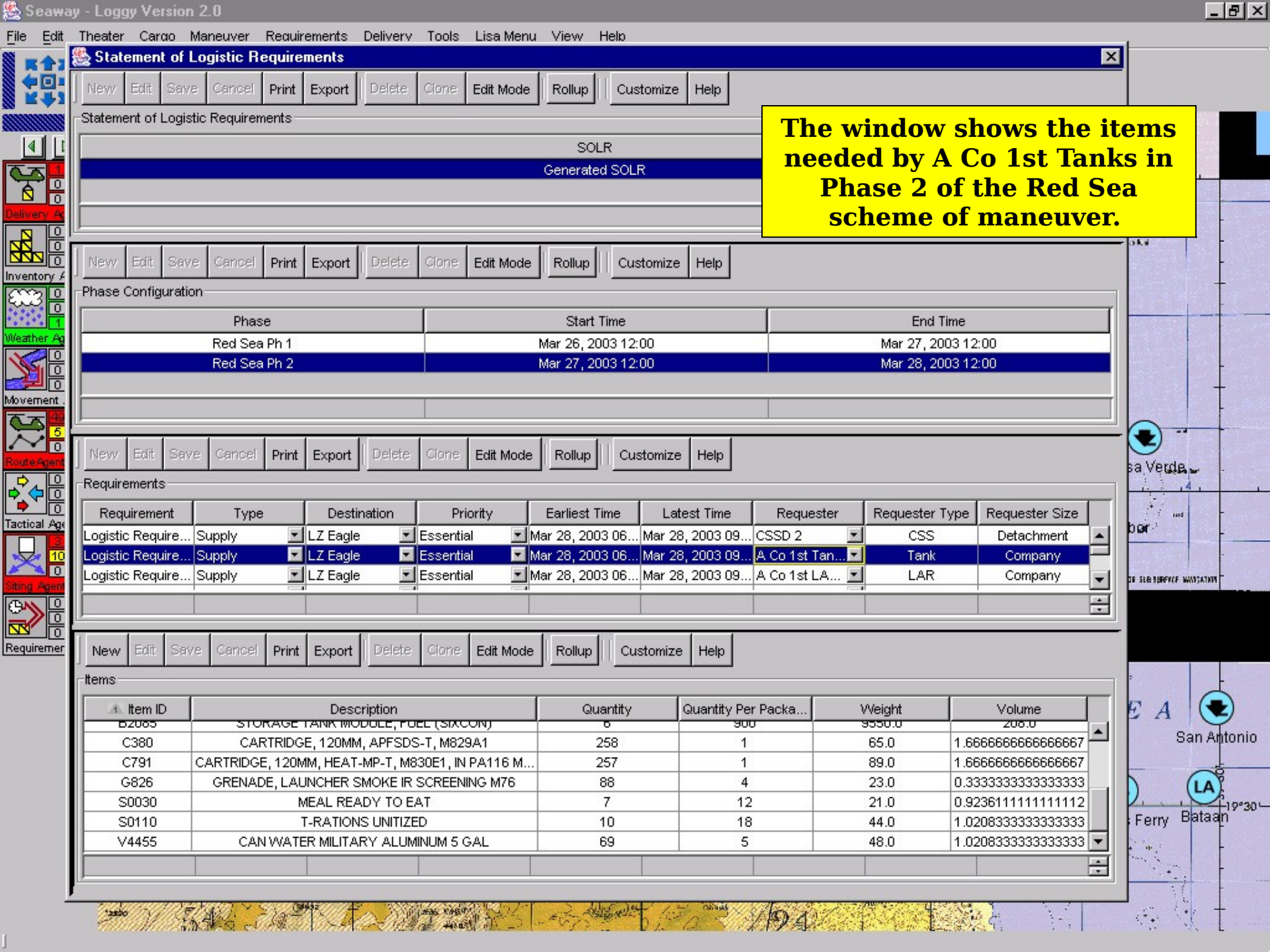

Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
Task Forces
Task Organization
On-Hand Inventory
Enemy & Coalition Forces
Define Scheme of Maneuver
Fires Planner
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Flooded Area
HLZ
Inf
Inf 1
Inf 5
Inf 4
Inf 2
Javelin
TF Axe
A1/1
Essex
Mesa Verde
Pearl Harbor
San Antonio
Harpers Ferry
Bataan
LA
LS
RL 2
AL 2
RED SEA
ED SEA PROVINCE
Lat, Lon (20.016, 36.662) - x, y (122,38)

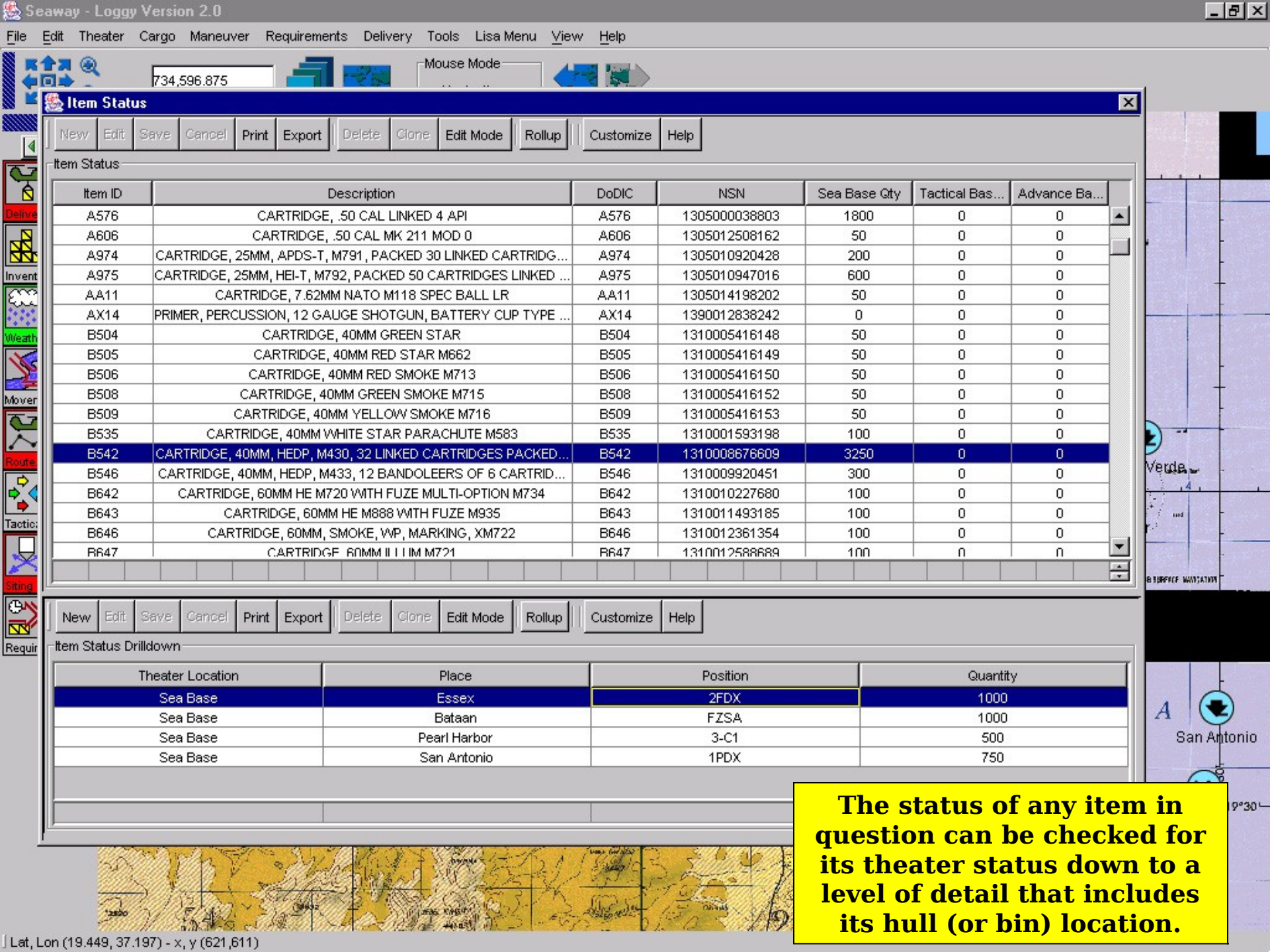

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
Define Scheme Of Maneuver
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Scheme Of Maneuver Configuration
Scheme Of Maneuver | Description | Color
Red Sea SOM | N/A | Black
Phase Configuration
Phase | Start Time | End Time
Red Sea Ph 1 | Mar 26, 2003 12:00 | Mar 27, 2003 12:00
Red Sea Ph 2 | Mar 27, 2003 12:00 | Mar 28, 2003 12:00
Tactical Control Measure Configuration
TCM | Type | Unit | Expected Inte... | DOA | DOS
Sword 2 | Axis Of Ad... | TF Sword | Assault | 1.0 | 1.0
Axe 2 | Axis Of Ad... | TF Axe | Sustained | 1.0 | 1.0
Spear 2 | Block | TF Spear | Sustained | 1.0 | 1.0
Javelin 2 | Block | TF Javelin | Sustained | 1.0 | 1.0
Name the SOM and give it a color.
Divide the SOM into phases IAW intent.
Select a task force or unit and sketch a tactical control measure (TCM).
Agents will assess effects of weather, equipment, and terrain for each TCM.
Flooded Area
Mesa Verde
San Antonio
Harpers Ferry
Bataan
Lat, Lon (19.706, 37.115) - x, y (544,351)

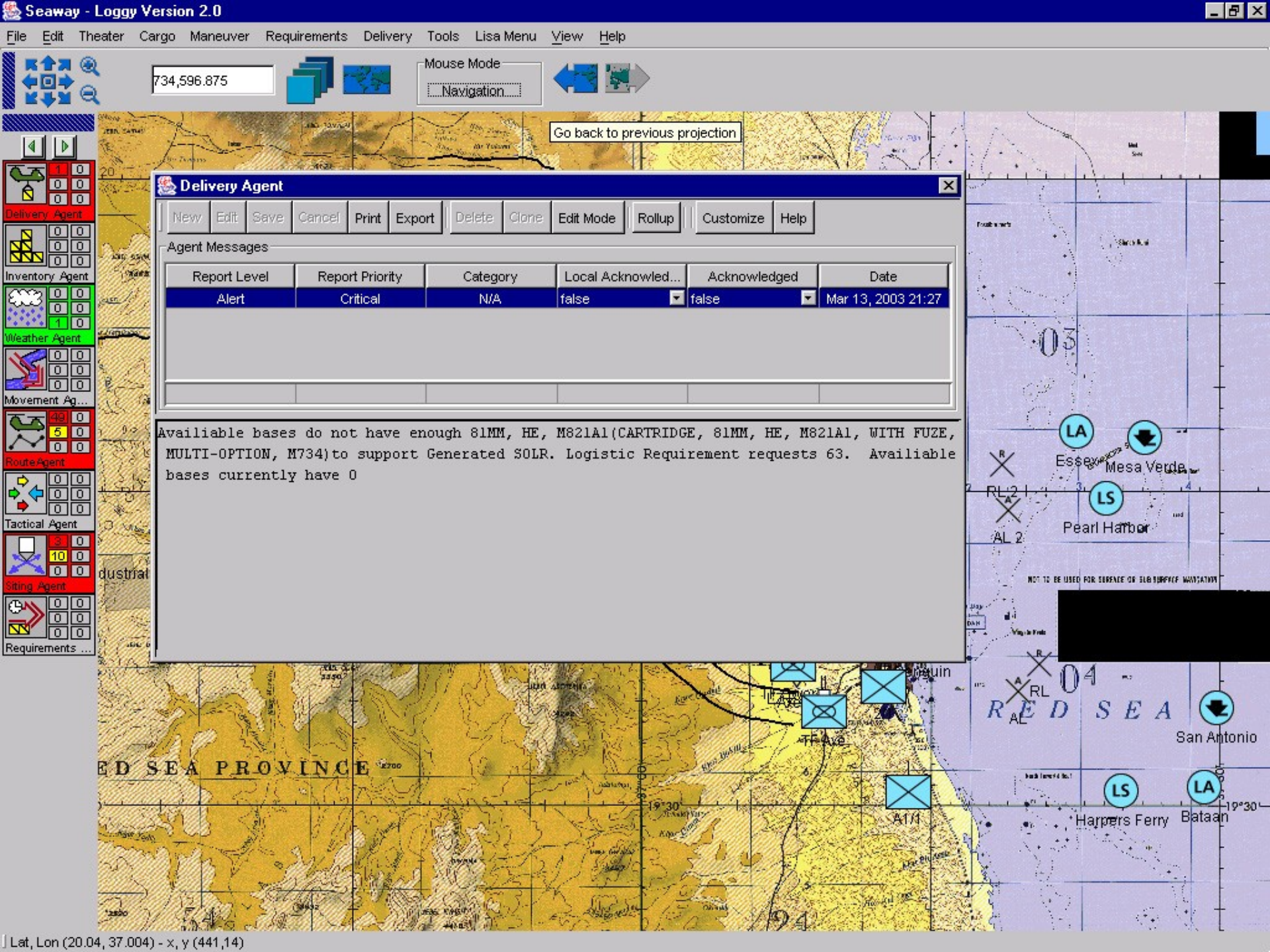


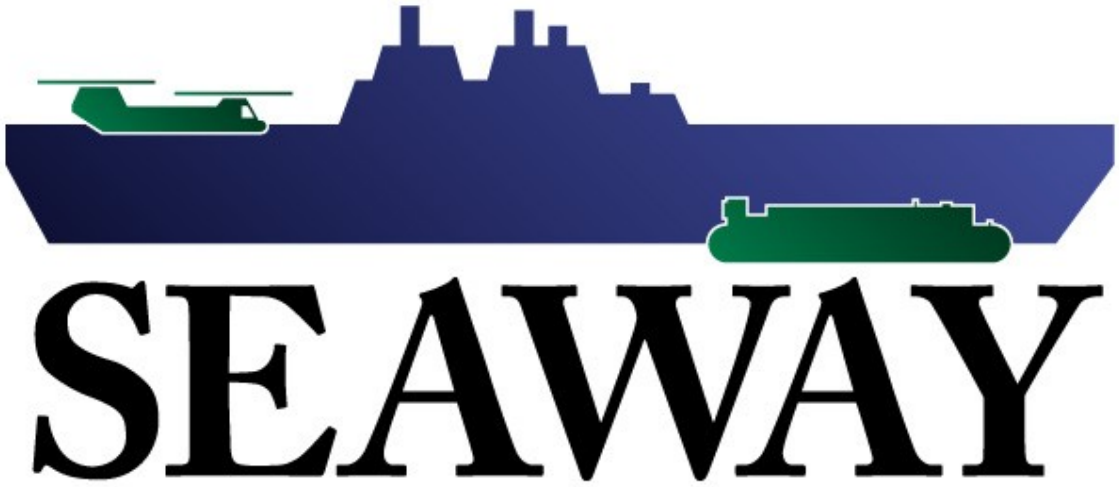
Transforming the scheme of maneuver into a statement of logistic requirements and identifying inventory-related risks and opportunity costs.


Seaway - Loggy Version 2.0
File
Edit
Theater
Cargo
Maneuver
Requirements
Delivery
Tools
Lisa Menu
View
Help
Statement of Logistic Requirements
SOLR Availability
734,596.875
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
Route Agent
Tactical Agent
Siting Agent
Requirements ...
Flooded Area
HLZ
Inf
Inf 1
Inf 4
Inf 5
Inf 2
Pearl Harbor
Mesa Verde
San Antonio
Bataan
RED SEA
The SOLR is based on the TCM's intensity, commander's guidance on DOA/DOS, terrain, distance, unit equipment, weather, and other factors evaluated by the agents. The SOLR will recommend the items that must be delivered to each LZ in what time windows in order to support the proposed scheme of maneuver.

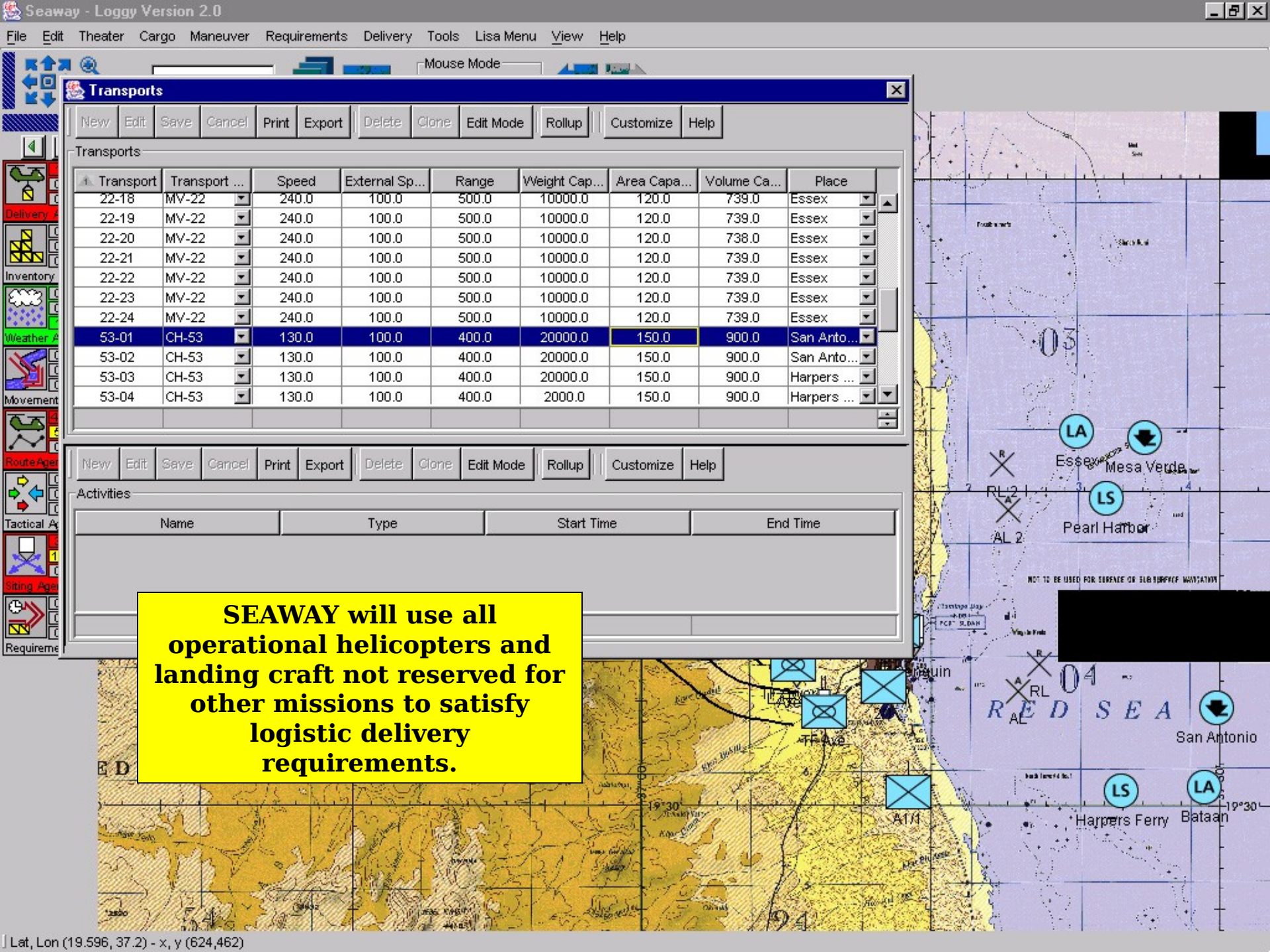

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
Statement of Logistic Requirements
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Statement of Logistic Requirements
SOLR
Generated SOLR
The window shows the items needed by A Co 1st Tanks in Phase 2 of the Red Sea scheme of maneuver.
Phase Configuration
Phase
Start Time
End Time
Red Sea Ph 1
Mar 26, 2003 12:00
Mar 27, 2003 12:00
Red Sea Ph 2
Mar 27, 2003 12:00
Mar 28, 2003 12:00
Requirements
Requirement
Type
Destination
Priority
Earliest Time
Latest Time
Requester
Requester Type
Requester Size
Logistic Require... Supply LZ Eagle Essential Mar 28, 2003 06... Mar 28, 2003 09... CSSD 2 CSS Detachment
Logistic Require... Supply LZ Eagle Essential Mar 28, 2003 06... Mar 28, 2003 09... A Co 1st Tan... Tank Company
Logistic Require... Supply LZ Eagle Essential Mar 28, 2003 06... Mar 28, 2003 09... A Co 1st LA... LAR Company
Items
Item ID
Description
Quantity
Quantity Per Packa...
Weight
Volume
C380 CARTRIDGE, 120MM, APFSDS-T, M829A1 258 1 65.0 1.6666666666666667
C791 CARTRIDGE, 120MM, HEAT-MP-T, M830E1, IN PA116 M... 257 1 89.0 1.6666666666666667
G826 GRENADE, LAUNCHER SMOKE IR SCREENING M76 88 4 23.0 0.3333333333333333
S0030 MEAL READY TO EAT 7 12 21.0 0.9236111111111112
S0110 T-RATIONS UNITIZED 10 18 44.0 1.0208333333333333
V4455 CAN WATER MILITARY ALUMINUM 5 GAL 69 5 48.0 1.0208333333333333
San Antonio
Bataan
Ferry

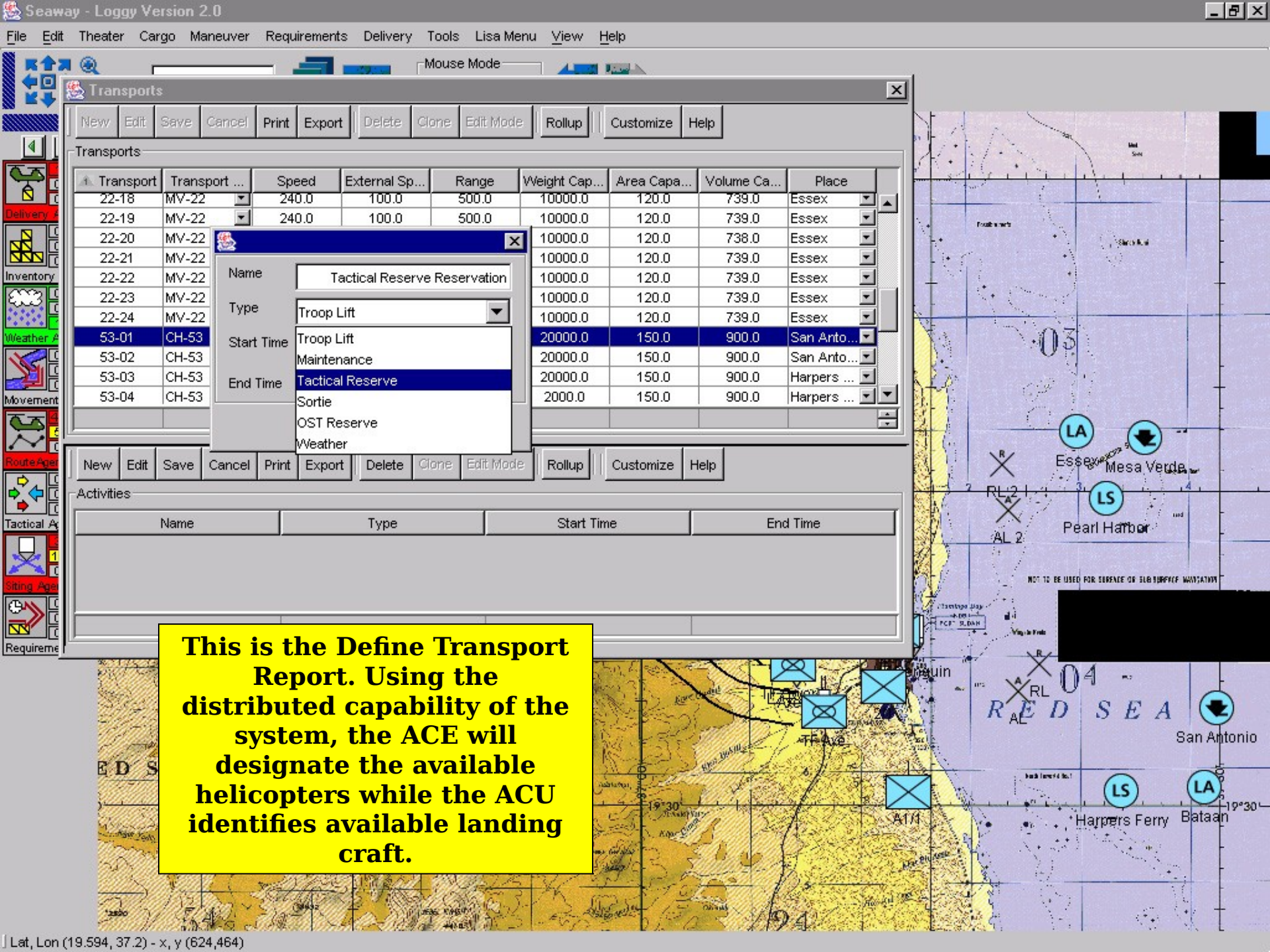

Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
734,596.875
Mouse Mode
Item Status
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Item Status
Item ID | Description | DoDIC | NSN | Sea Base Qty | Tactical Bas... | Advance Ba...
A576 | CARTRIDGE, .50 CAL LINKED 4 API | A576 | 1305000038803 | 1800 | 0 | 0
A606 | CARTRIDGE, .50 CAL MK 211 MOD 0 | A606 | 1305012508162 | 50 | 0 | 0
A974 | CARTRIDGE, 25MM, APDS-T, M791, PACKED 30 LINKED CARTRIDG... | A974 | 1305010920428 | 200 | 0 | 0
A975 | CARTRIDGE, 25MM, HEI-T, M792, PACKED 50 CARTRIDGES LINKED ... | A975 | 1305010947016 | 600 | 0 | 0
AA11 | CARTRIDGE, 7.62MM NATO M118 SPEC BALL LR | AA11 | 1305014198202 | 50 | 0 | 0
AX14 | PRIMER, PERCUSSION, 12 GAUGE SHOTGUN, BATTERY CUP TYPE ... | AX14 | 1390012838242 | 0 | 0 | 0
B504 | CARTRIDGE, 40MM GREEN STAR | B504 | 1310005416148 | 50 | 0 | 0
B505 | CARTRIDGE, 40MM RED STAR M662 | B505 | 1310005416149 | 50 | 0 | 0
B506 | CARTRIDGE, 40MM RED SMOKE M713 | B506 | 1310005416150 | 50 | 0 | 0
B508 | CARTRIDGE, 40MM GREEN SMOKE M715 | B508 | 1310005416152 | 50 | 0 | 0
B509 | CARTRIDGE, 40MM YELLOW SMOKE M716 | B509 | 1310005416153 | 50 | 0 | 0
B535 | CARTRIDGE, 40MM WHITE STAR PARACHUTE M583 | B535 | 1310001593198 | 100 | 0 | 0
B542 | CARTRIDGE, 40MM, HEDP, M430, 32 LINKED CARTRIDGES PACKED... | B542 | 1310008676609 | 3250 | 0 | 0
B546 | CARTRIDGE, 40MM, HEDP, M433, 12 BANDOLEERS OF 6 CARTRID... | B546 | 1310009920451 | 300 | 0 | 0
B642 | CARTRIDGE, 60MM HE M720 WITH FUZE MULTI-OPTION M734 | B642 | 1310010227680 | 100 | 0 | 0
B643 | CARTRIDGE, 60MM HE M888 WITH FUZE M935 | B643 | 1310011493185 | 100 | 0 | 0
B646 | CARTRIDGE, 60MM, SMOKE, WP, MARKING, XM722 | B646 | 1310012361354 | 100 | 0 | 0
B647 | CARTRIDGE, 60MM ILLUM M721 | B647 | 1310012588689 | 100 | 0
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Item Status Drilldown
Theater Location | Place | Position | Quantity
Sea Base | Essex | 2FDX | 1000
Sea Base | Bataan | FZSA | 1000
Sea Base | Pearl Harbor | 3-C1 | 500
Sea Base | San Antonio | 1PDX | 750
Verde
San Antonio
The status of any item in question can be checked for its theater status down to a level of detail that includes its hull (or bin) location.
Lat, Lon (19.449, 37.197) - x, y (621,611)


Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
734,596.875
Mouse Mode
Navigation
Go back to previous projection
Delivery Agent
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Agent Messages
Report Level
Report Priority
Category
Local Acknowled...
Acknowledged
Date
Alert
Critical
N/A
false
false
Mar 13, 2003 21:27
Availiable bases do not have enough 81MM, HE, M821A1(CARTRIDGE, 81MM, HE, M821A1, WITH FUZE, MULTI-OPTION, M734)to support Generated SOLR. Logistic Requirement requests 63. Availiable bases currently have 0
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
RED SEA PROVINCE
RED SEA
Essex
Mesa Verde
Pearl Harbor
San Antonio
Harpers Ferry
Bataan
Lat, Lon (20.04, 37.004) - x, y (441,14)

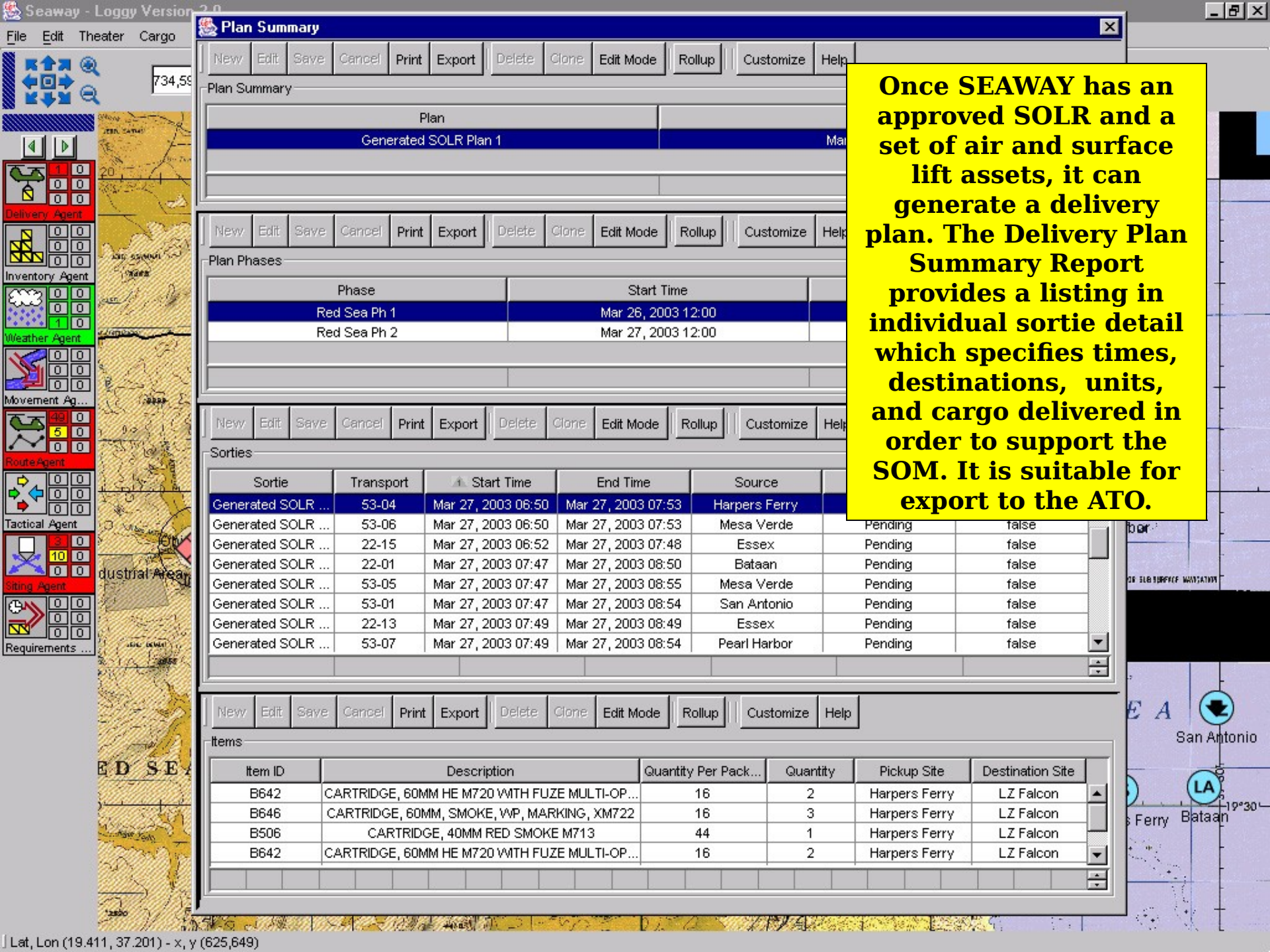


Converting the statement of logistic requirements into an air and surface delivery plan in sortie-level detail.


Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
Mouse Mode
Transports
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Transports
Transport Transport ... Speed External Sp... Range Weight Cap... Area Capa... Volume Ca... Place
22-18 MV-22 240.0 100.0 500.0 10000.0 120.0 739.0 Essex
22-19 MV-22 240.0 100.0 500.0 10000.0 120.0 739.0 Essex
22-20 MV-22 240.0 100.0 500.0 10000.0 120.0 738.0 Essex
22-21 MV-22 240.0 100.0 500.0 10000.0 120.0 739.0 Essex
22-22 MV-22 240.0 100.0 500.0 10000.0 120.0 739.0 Essex
22-23 MV-22 240.0 100.0 500.0 10000.0 120.0 739.0 Essex
22-24 MV-22 240.0 100.0 500.0 10000.0 120.0 739.0 Essex
53-01 CH-53 130.0 100.0 400.0 20000.0 150.0 900.0 San Anto...
53-02 CH-53 130.0 100.0 400.0 20000.0 150.0 900.0 San Anto...
53-03 CH-53 130.0 100.0 400.0 20000.0 150.0 900.0 Harpers ...
53-04 CH-53 130.0 100.0 400.0 2000.0 150.0 900.0 Harpers ...
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Activities
Name Type Start Time End Time
SEAWAY will use all operational helicopters and landing craft not reserved for other missions to satisfy logistic delivery requirements.
Delivery
Inventory
Weather
Movement
Route Ager
Tactical
Siting Ager
Requireme
LA
Essex
Mesa Verde
LS
Pearl Harbor
RL 2
AL 2
RED SEA
San Antonio
LS
LA
Harpers Ferry
Bataan
19°30
Lat, Lon (19.596, 37.2) - x, y (624,462)



This is the Define Transport Report. Using the distributed capability of the system, the ACE will designate the available helicopters while the ACU identifies available landing craft.


Seaway - Loggy Version 2.0
File Edit Theater Cargo
Plan Summary
New Edit Save Cancel Print Export Delete Clone Edit Mode Rollup Customize Help
Plan Summary
Plan
Generated SOLR Plan 1
Plan Phases
Phase
Start Time
Red Sea Ph 1
Mar 26, 2003 12:00
Red Sea Ph 2
Mar 27, 2003 12:00
Sorties
Sortie
Transport
Start Time
End Time
Source
Generated SOLR ... 53-04 Mar 27, 2003 06:50 Mar 27, 2003 07:53 Harpers Ferry
Generated SOLR ... 53-06 Mar 27, 2003 06:50 Mar 27, 2003 07:53 Mesa Verde Pending false
Generated SOLR ... 22-15 Mar 27, 2003 06:52 Mar 27, 2003 07:48 Essex Pending false
Generated SOLR ... 22-01 Mar 27, 2003 07:47 Mar 27, 2003 08:50 Bataan Pending false
Generated SOLR ... 53-05 Mar 27, 2003 07:47 Mar 27, 2003 08:55 Mesa Verde Pending false
Generated SOLR ... 53-01 Mar 27, 2003 07:47 Mar 27, 2003 08:54 San Antonio Pending false
Generated SOLR ... 22-13 Mar 27, 2003 07:49 Mar 27, 2003 08:49 Essex Pending false
Generated SOLR ... 53-07 Mar 27, 2003 07:49 Mar 27, 2003 08:54 Pearl Harbor Pending false
Items
Item ID
Description
Quantity Per Pack...
Quantity
Pickup Site
Destination Site
B642 CARTRIDGE, 60MM HE M720 WITH FUZE MULTI-OP... 16 2 Harpers Ferry LZ Falcon
B646 CARTRIDGE, 60MM, SMOKE, WP, MARKING, XM722 16 3 Harpers Ferry LZ Falcon
B506 CARTRIDGE, 40MM RED SMOKE M713 44 1 Harpers Ferry LZ Falcon
B642 CARTRIDGE, 60MM HE M720 WITH FUZE MULTI-OP... 16 2 Harpers Ferry LZ Falcon
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
San Antonio
Bataan
Lat, Lon (19.411, 37.201) - x, y (625,649)

Once SEAWAY has an approved SOLR and a set of air and surface lift assets, it can generate a delivery plan. The Delivery Plan Summary Report provides a listing in individual sortie detail which specifies times, destinations, units, and cargo delivered in order to support the SOM. It is suitable for export to the ATO.

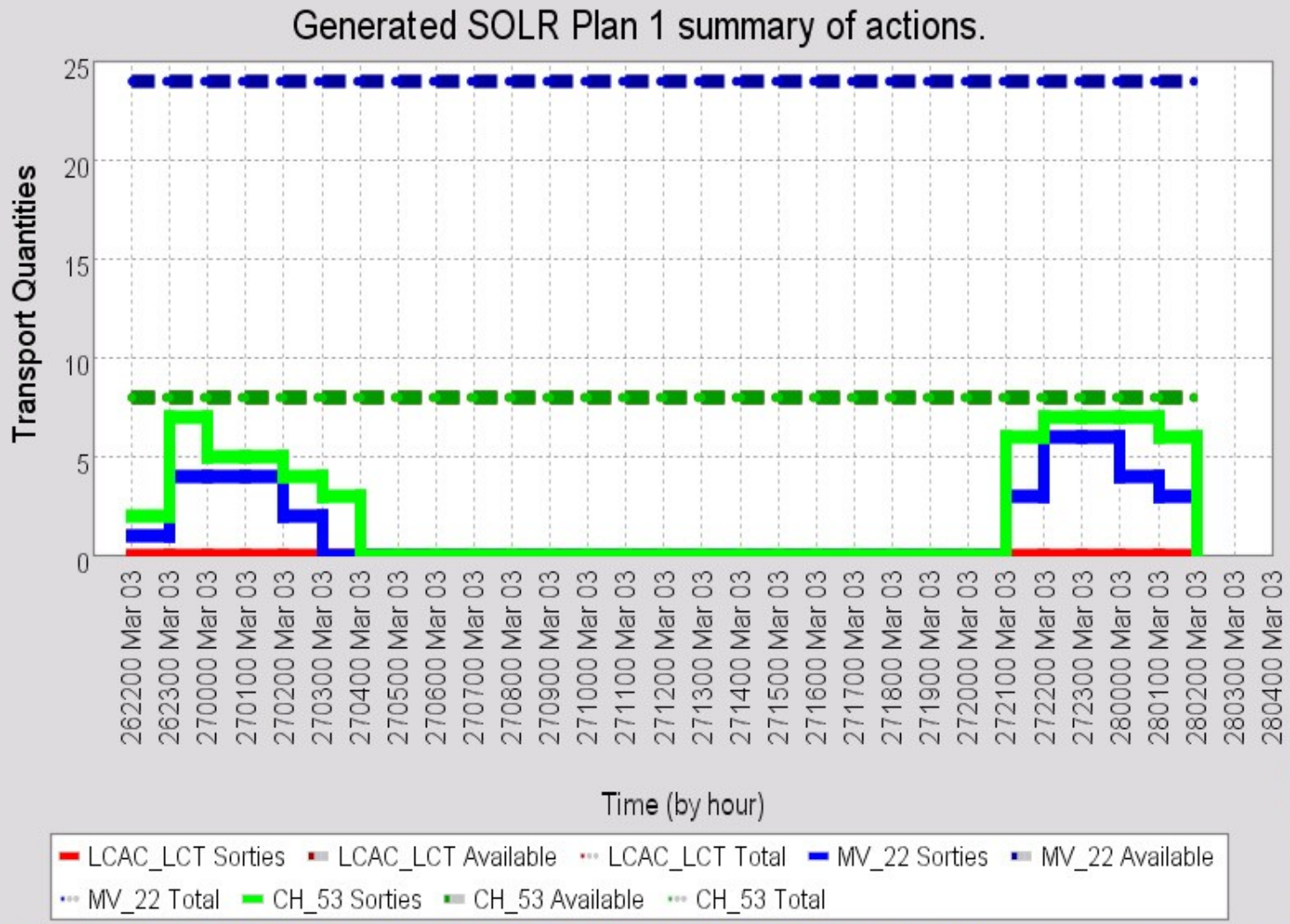
Seaway - Loggy Version 2.0

File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help

734,596.875

Mouse Mode

Course of Action Summary



Delivery Agent

Inventory Agent

Weather Agent

Movement Ag...

RouteAgent

Tactical Agent

Siting Agent

Requirements ...

HLZ

Lat, Lon (19.83, 37.06) - x, y (493,226)

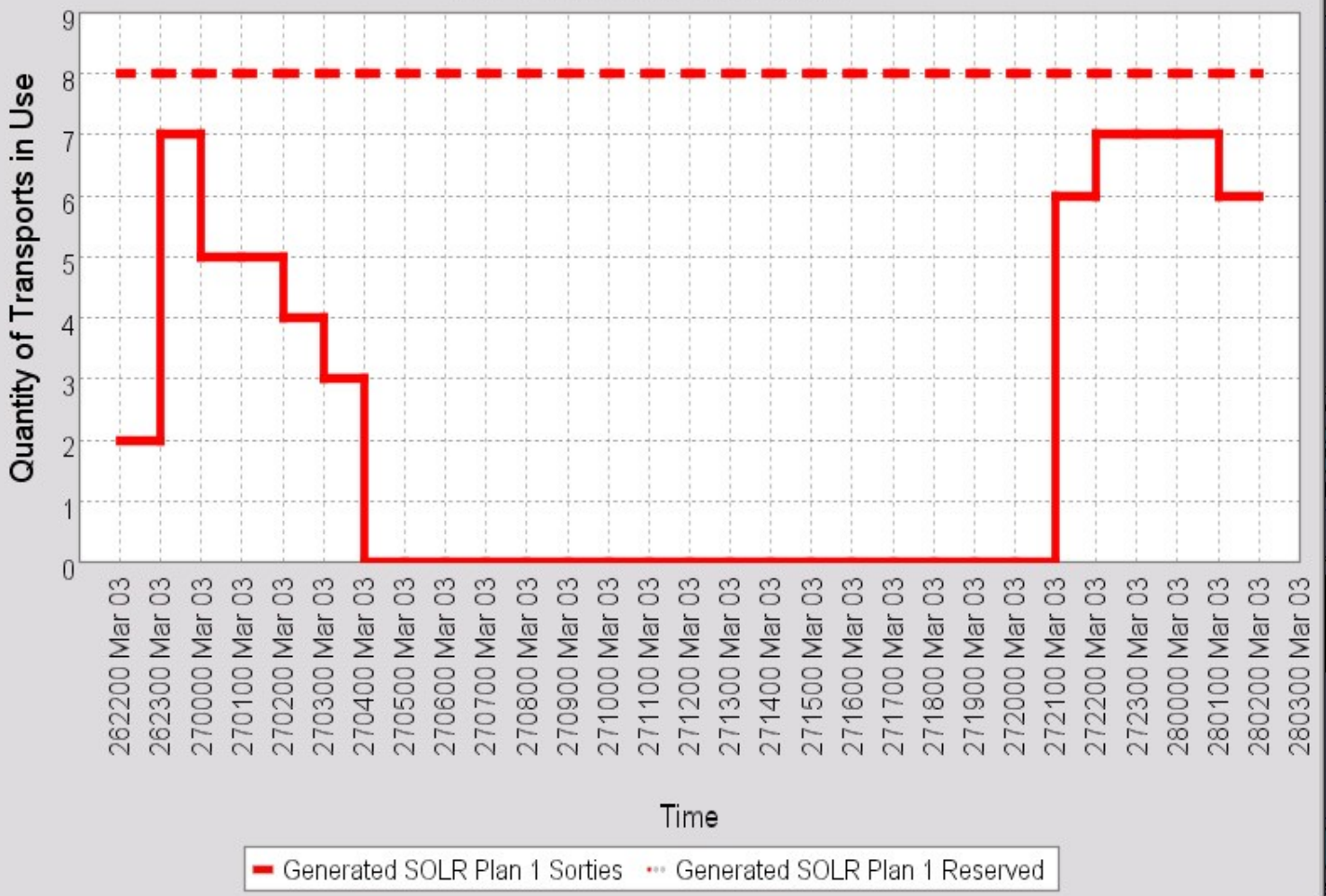
Seaway - Loggy Version 2.0

File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help

734,596.875

Mouse Mode

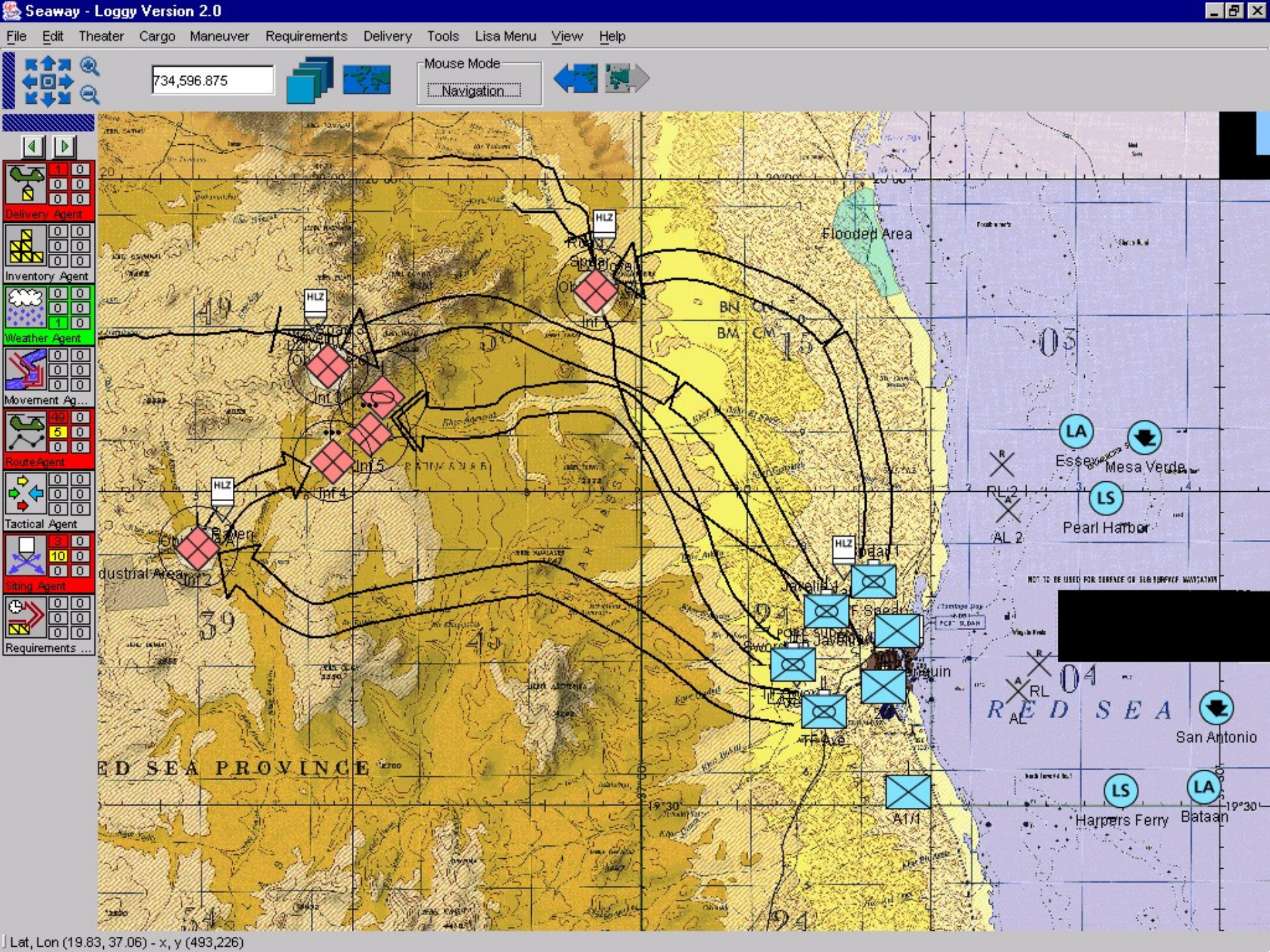
Plan Comparison



Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...

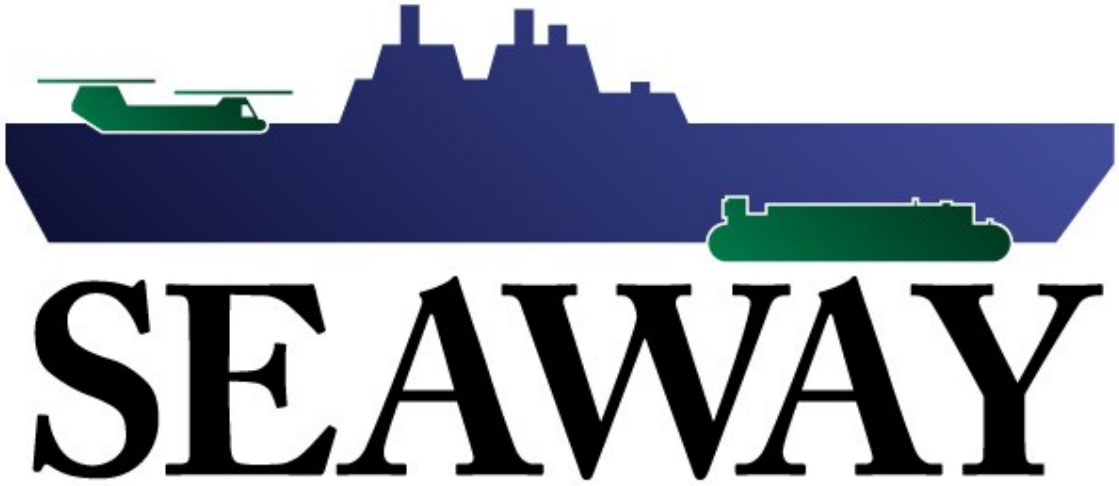
Mesa Verde
San Antonio
Bataan

Lat, Lon (19.83, 37.06) - x, y (493,226)


Seaway - Loggy Version 2.0
File Edit Theater Cargo Maneuver Requirements Delivery Tools Lisa Menu View Help
734,596.875
Mouse Mode
Navigation
Delivery Agent
Inventory Agent
Weather Agent
Movement Ag...
RouteAgent
Tactical Agent
Siting Agent
Requirements ...
Flooded Area
HLZ
Inf 1
Inf 2
Inf 4
Inf 5
Inf
Essex
Mesa Verde
Pearl Harbor
San Antonio
Harpers Ferry
Bataan
RED SEA
ED SEA PROVINCE
Lat, Lon (19.83, 37.06) - x, y (493,226)

Planned Characteristics of the Distribution Plan (Version 2.0-3.0)

- **To support each CSSD, Version 2.0 provides a distribution plan specifying the missions, cargo, unit destinations, and required unit distribution windows for each helicopter and craft landing zone.**
- **In Version 3.0, the distribution plan will take the cargo delivered to the HLZs and CLZs in the Delivery Plan and propose a movement plan to the units.**
- **The Distribution Agent will identify vehicles at the LZs, at logistic bases, with the receiving units, or within the CSSDs.**
- **Just as the user can modify the delivery characteristics of rotary aircraft and landing craft for the delivery plan, the user will be able modify the characteristics of the vehicles used to distribute cargo to the units for the distribution plan.**



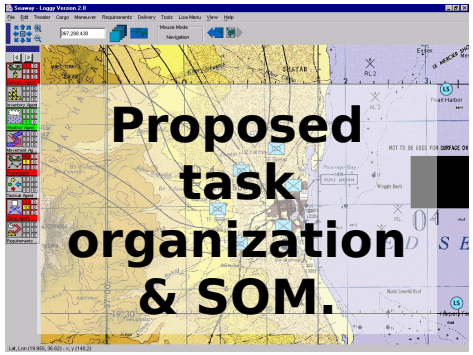
Gaming and assessment.

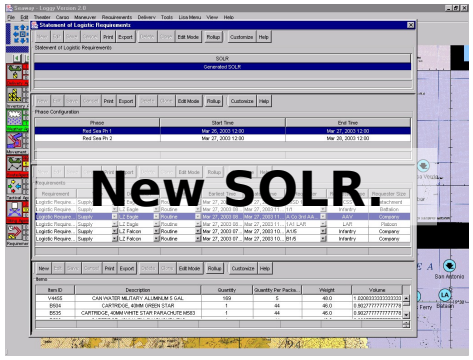
Assessment Information Available for Delivery Plans

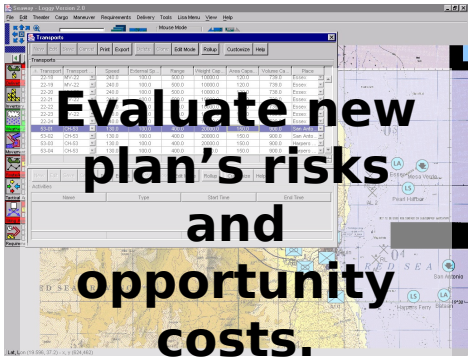
- **Total Sorties** (Total, Total Aircraft Sorties, Total Landing Craft Sorties, Total Sorties by Type-Model Series).
- **Total Transports Used** (Total, Total Aircraft Used, Total Landing Craft Used, Total Used by Type-Model Series).
- **Total Items Delivered.**
- **Total Tons** (Total, Total Tons by Aircraft, Total Tons by Landing Craft, Total Tons by Type-Model Series).
- **Total Sortie Time** (Total, Total Aircraft Time, Total Landing Craft Time, Total Time by Type-Model Series).
- **Total Landing Zones Used.**
- **Capabilities of proposed ships to stow supplies and equipment sufficient to support MAGTF(s) in various scenarios under various conditions.**
- **All assessment information both by plan and by phase.**
- **Animated schemes of maneuver (adjustable clock).**
- **Marine, joint, and combined units (including joint and combined task forces).**
- **“John Madden”-style annotation on screens and chat.**
- **Basic fires planning.**

New situation: Is my proposed scheme supportable?

Commander's notion and new situation.







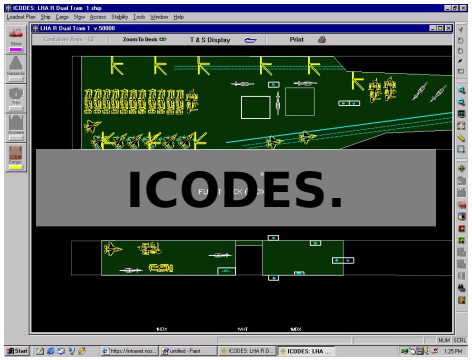
Identify shortfalls and delivery options.

Execute with different weather, tactical lift, etc.

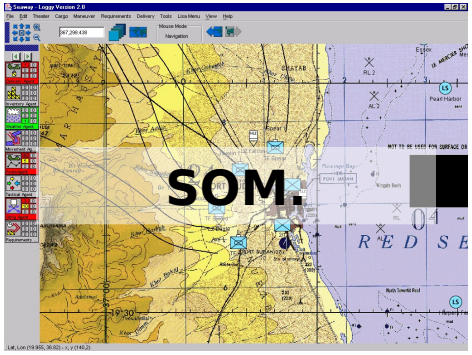
SEAWAY

What is the size and nature of a 15-day ground block?

Commander's notion.

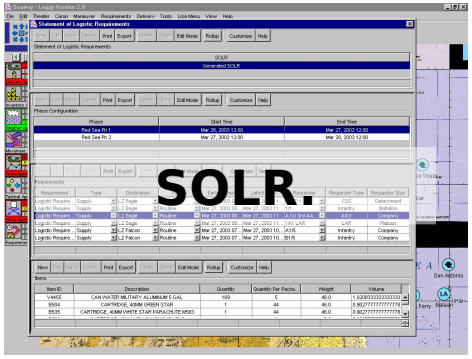


Embarkation assessment.



Select sea base shipping.

Develop block with differing SOMs, etc.

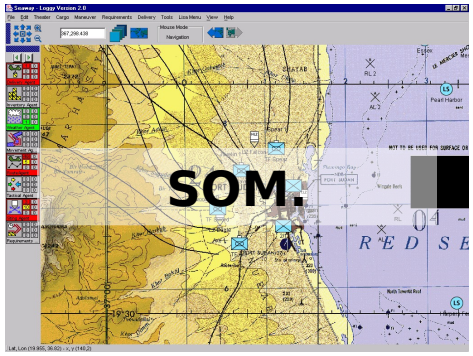


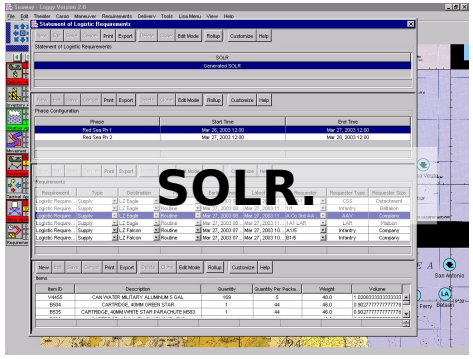
Excel.

SEAWAY

Will a proposed ship design support operational demands?

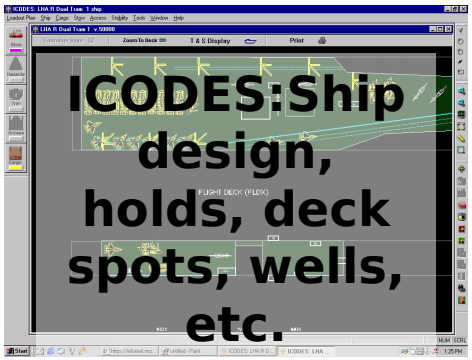
Commander's notion.

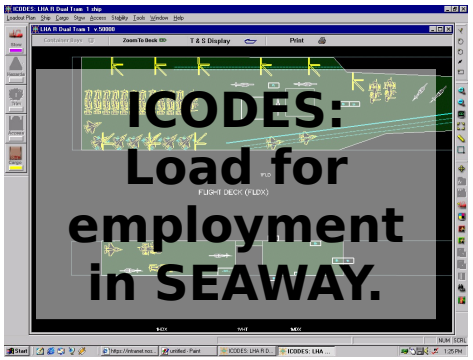


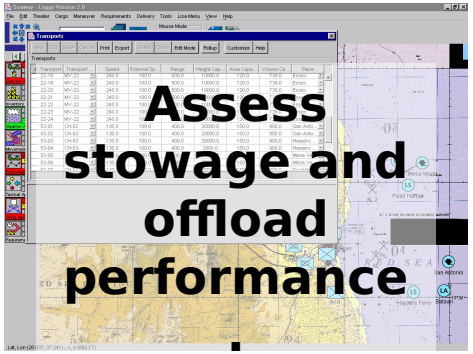


Excel.

Create a new ship concept.



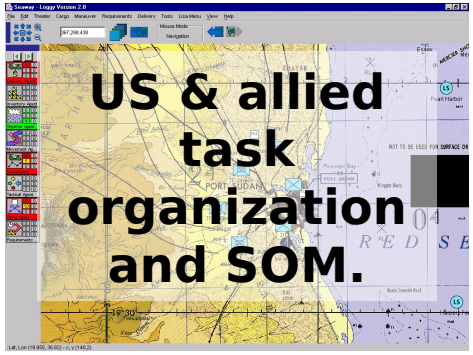


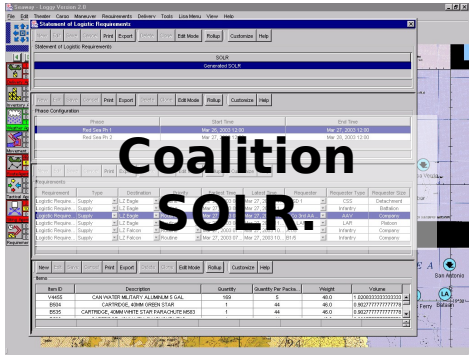


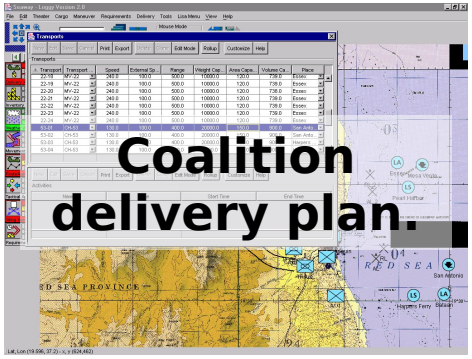
SEAWAY

Can we support US and allied logistic requirements?

Commander's notion.







Identify shortfalls and delivery options.

Execute with different weather, tactical lift, etc.

Note: To support allied logistic requirements, the user must add allied equipment, consumption rates, and consumables (Class I, III, and V) to SEAWAY.

SEAWAY

SEAWAY